



# Linux Distribution Performance Low-End Processor

Tests for a future article by Michael Larabel on phoronix.

## Automated Executive Summary

*Clear Linux 31990 had the most wins, coming in first place for 66% of the tests.*

*Based on the geometric mean of all complete results, the fastest (Clear Linux 31990) was 1.139x the speed of the slowest (Ubuntu 18.04.3 LTS). Fedora Workstation 31 was 0.941x the speed of Clear Linux 31990, openSUSE Tumbleweed was 0.969x the speed of Fedora Workstation 31, Manjaro Linux 18.1.5 was 0.987x the speed of openSUSE Tumbleweed, EndeavourOS was 0.997x the speed of Manjaro Linux 18.1.5, Debian Testing was 0.998x the speed of EndeavourOS, CentOS Stream was 0.997x the speed of Debian Testing, Ubuntu 19.10 was 0.99x the speed of CentOS Stream, Ubuntu 18.04.3 LTS was 0.992x the speed of Ubuntu 19.10.*

*The results with the greatest spread from best to worst included:*

*Perl Benchmarks (Test: Interpreter) at 2.155x  
Systemd Total Boot Time (Test: Kernel) at 1.619x  
ctx\_clock (Context Switch Time) at 1.5x  
PyBench (Total For Average Test Times) at 1.481x  
Selenium (Benchmark: Speedometer - Browser: Firefox) at 1.348x  
Selenium (Benchmark: ARES-6 - Browser: Firefox) at 1.287x*

Selenium (Benchmark: StyleBench - Browser: Firefox) at 1.272x  
Selenium (Benchmark: Maze Solver - Browser: Firefox) at 1.267x  
SVT-AV1 (Encoder Mode: Enc Mode 8 - Input: 1080p) at 1.256x  
Java SciMark (Computational Test: Composite) at 1.227x.

## Test Systems:

### CentOS Stream

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: CentOS Linux 8, Kernel: 4.18.0-151.el8.x86\_64 (x86\_64), Desktop: GNOME Shell 3.32.2, Display Server: X Server + Wayland, OpenGL: 4.5 Mesa 19.1.4 (LLVM 8.0.1), Compiler: GCC 8.3.1 20190507, File-System: xfs, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-redhat-linux --disable-libmpx --disable-libunwind-exceptions --enable-\_\_cxa\_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch\_32=x86-64 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver  
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x8108109  
Java Notes: OpenJDK Runtime Environment (build 1.8.0\_232-b09)  
Python Notes: + Python 3.6.8  
Security Notes: SELinux + 11tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swaps barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling

### Clear Linux 31990

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Device 15d0, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Device 15de, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: Clear Linux OS 31990, Kernel: 5.4.6-883.native (x86\_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server 1.20.5, Display Driver: modesetting 1.20.5, OpenGL: 4.6 Mesa 20.0.0-devel (LLVM 9.0.0), Vulkan: 1.1.107, Compiler: GCC 9.2.1 20191223 gcc-9-branch@279714 + Clang 9.0.0 + LLVM 9.0.0, File-System: ext4, Screen Resolution: 1920x1080

Environment Notes: CFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D\_FORTIFY\_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -m64 -fasynchronous-unwind-tables -Wp,-D\_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -Wl,-enable-new-dtags" FFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D\_FORTIFY\_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -m64 -fasynchronous-unwind-tables -Wp,-D\_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -malign-data=abi -fno-semantic-interposition -ftree-vectorize -ftree-loop-vectorize -Wl,-enable-new-dtags -Wa,-mbranches-within-32B-boundaries" CXXFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D\_FORTIFY\_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -m64 -fasynchronous-unwind-tables -Wp,-D\_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -Wl,-sort-common -Wl,-enable-new-dtags -mtune=skylake -Wa,-mbranches-within-32B-boundaries -fvisibility-inlines-hidden -Wl,-enable-new-dtags" MESA\_GLSL\_CACHE\_DISABLE=0 CFLAGS="-g -O3 -feliminate-unused-debug-types -pipe -Wall -Wp,-D\_FORTIFY\_SOURCE=2 -fexceptions -fstack-protector --param=ssp-buffer-size=32 -Wformat -Wformat-security -m64 -fasynchronous-unwind-tables -Wp,-D\_REENTRANT -ftree-loop-distribute-patterns -Wl,-z -Wl,now -Wl,-z -Wl,relro -fno-semantic-interposition -ffat-lto-objects -fno-trapping-math -Wl,-sort-common -Wl,-enable-new-dtags -mtune=skylake -Wa,-mbranches-within-32B-boundaries" THEANO\_FLAGS="floatX=float32,openmp=true,gcc.cxxflags='-ftree-vectorize -mavx'"  
Compiler Notes: --build=x86\_64-generic-linux --disable-libmpx --disable-libunwind-exceptions --disable-multarch --disable-vtable-verify --disable-werror --enable-\_\_cxa\_atexit --enable-bootstrap --enable-cet --enable-clocale=gnu --enable-default-pie --enable-gnu-indirect-function --enable-languages=c,c++,fortran,go --enable-lto --enable-libstdcxx-pch --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --exec-prefix=/usr --includedir=/usr/include

--target=x86\_64-generic-linux --with-arch=westmere --with-gcc-major-version-only --with-glibc-version=2.19 --with-gnu-ld --with-isl --with-ppl=yes --with-tune=haswell  
Disk Notes: MQ-DEADLINE / relatime, rw  
Processor Notes: Scaling Governor: acpi-cpufreq performance - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 1.8.0-u232-ga-b00)  
Python Notes: Python 3.8.0  
Security Notes: itlb\_multihit: Not affected + 1tft: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swappgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## Debian Testing

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: Debian stable-updates, Kernel: 5.3.0-3-amd64 (x86\_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server 1.20.4, Display Driver: modesetting 1.20.4, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Compiler: GCC 9.2.1 20191130, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-link-mutex --enable-multiarch --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86\_64-linux-gnu --program-prefix=x86\_64-linux-gnu- --target=x86\_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-build-config=bootstrap-lto-lean --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v  
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8108109  
Java Notes: OpenJDK Runtime Environment (build 11.0.6-ea+7-post-Debian-1)  
Python Notes: Python 2.7.17 + Python 3.7.5  
Security Notes: itlb\_multihit: Not affected + 1tft: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swappgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## EndeavourOS

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: EndeavourOS rolling, Kernel: 5.4.6-arch1-1 (x86\_64), Desktop: Xfce 4.14, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 19.3.1 (LLVM 9.0.0), Compiler: GCC 9.2.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-\_\_cxa\_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-liberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu  
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 11.0.5+10)  
Python Notes: Python 3.8.1  
Security Notes: itlb\_multihit: Not affected + 1tft: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swappgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## Fedora Workstation 31

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: Fedora 31, Kernel: 5.3.16-300.fc31.x86\_64 (x86\_64), Desktop: GNOME Shell 3.34.2, Display Server: X Server + Wayland, OpenGL: 4.5 Mesa 19.2.8 (LLVM 9.0.0), Compiler: GCC 9.2.1 20190827, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-redhat-linux --disable-libunwind-exceptions --enable-\_\_cxa\_atexit --enable-bootstrap --enable-cet --enable-checking=release --enable-gnu-indirect-function --enable-gnu-unique-object --enable-initfini-array --enable-languages=c,c++,fortran,objc,obj-c++,ada,go,d,lto --enable-multilib --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-arch\_32=i686 --with-gcc-major-version-only --with-isl --with-linker-hash-style=gnu --with-tune=generic --without-cuda-driver  
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8108109  
Java Notes: OpenJDK Runtime Environment (build 1.8.0\_232-b09)  
Python Notes: Python 3.7.5  
Security Notes: SELinux + itlb\_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## Manjaro Linux 18.1.5

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: ManjaroLinux 18.1.5, Kernel: 5.4.6-2-MANJARO (x86\_64), Desktop: Xfce 4.14, Display Server: X Server 1.20.6, Display Driver: modesetting 1.20.6, OpenGL: 4.5 Mesa 19.3.1 (LLVM 9.0.0), Compiler: GCC 9.2.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --disable-libssp --disable-libstdcxx-pch --disable-libunwind-exceptions --disable-werror --enable-\_\_cxa\_atexit --enable-cet=auto --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-default-ssp --enable-gnu-indirect-function --enable-gnu-unique-object --enable-install-libiberty --enable-languages=c,c++,ada,fortran,go,lto,objc,obj-c++,d --enable-lto --enable-multilib --enable-plugin --enable-shared --enable-threads=posix --mandir=/usr/share/man --with-isl --with-linker-hash-style=gnu  
Processor Notes: Scaling Governor: acpi-cpufreq schedutil - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 1.8.0\_232-b09)  
Python Notes: Python 3.8.1  
Security Notes: itlb\_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## Ubuntu 18.04.3 LTS

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Device 15d0, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Device 15de, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 18.04, Kernel: 5.0.0-37-generic (x86\_64), Desktop: GNOME Shell 3.28.4, Display Server: X Server 1.20.4, Display Driver: modesetting 1.20.4, OpenGL: 4.5 Mesa 19.0.8 (LLVM 8.0.0), Compiler: GCC 7.4.0, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-linux-gnu --disable-vtable-verify --disable-werror --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++ --enable-libmpx --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multilib --enable-nls --enable-objc-gc=auto --enable-offload-targets=nvptx-none --enable-plugin --enable-shared --enable-threads=posix --host=x86\_64-linux-gnu --program-prefix=x86\_64-linux-gnu- --target=x86\_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib --with-tune=generic --without-cuda-driver -v  
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 11.0.5+10-post-Ubuntu-0ubuntu1.18.04)  
Python Notes: Python 2.7.17 + Python 3.6.9  
Security Notes: itlb\_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## Ubuntu 19.10

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: ASUS AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: Ubuntu 19.10, Kernel: 5.3.0-24-generic (x86\_64), Desktop: GNOME Shell 3.34.1, Display Server: X Server 1.20.5, Display Driver: modesetting 1.20.5, Compiler: GCC 9.2.1 20191008, File-System: ext4, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-linux-gnu --disable-vtable-verify --disable-werror --enable-bootstrap --enable-checking=release --enable-clocale=gnu --enable-default-pie --enable-gnu-unique-object --enable-languages=c,ada,c++,go,brig,d,fortran,objc,obj-c++,gm2 --enable-libstdcxx-debug --enable-libstdcxx-time=yes --enable-multiarch --enable-multilib --enable-nls --enable-offload-targets=nvptx-none,hsa --enable-plugin --enable-shared --enable-threads=posix --host=x86\_64-linux-gnu --program-prefix=x86\_64-linux-gnu- --target=x86\_64-linux-gnu --with-abi=m64 --with-arch-32=i686 --with-default-libstdcxx-abi=new --with-gcc-major-version-only --with-multilib-list=m32,m64,mx32 --with-target-system-zlib=auto --with-tune=generic --without-cuda-driver -v  
Disk Notes: NONE / errors=remount-ro,relatime,rw  
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 11.0.5+10-post-Ubuntu-0ubuntu1.1)  
Python Notes: Python 2.7.17 + Python 3.7.5  
Security Notes: itlb\_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

## openSUSE Tumbleweed

Processor: AMD Athlon 3000G @ 3.50GHz (2 Cores / 4 Threads), Motherboard: ASUS PRIME B350M-E (5220 BIOS), Chipset: AMD Raven/Raven2, Memory: 6144MB, Disk: Samsung SSD 970 EVO 250GB, Graphics: AMD Picasso 2GB (1100MHz), Audio: AMD Raven/Raven2/Fenghuang, Monitor: DELL S2409W, Network: Realtek RTL8111/8168/8411

OS: openSUSE Tumbleweed 20191228, Kernel: 5.3.12-2-default (x86\_64), Desktop: KDE Plasma 5.17.4, Display Server: X Server 1.20.6, Display Driver: amdgpu 19.1.0, OpenGL: 4.5 Mesa 19.2.6 (LLVM 9.0.0), Compiler: GCC 9.2.1 20191209 [gcc-9-branch revision 279114], File-System: btrfs, Screen Resolution: 1920x1080

Compiler Notes: --build=x86\_64-suse-linux --disable-cet --disable-libcc1 --disable-libssp --disable-libstdcxx-pch --disable-libvtv --disable-werror --enable-gnu-indirect-function --enable-languages=c,c++,objc,fortran,obj-c++,ada,go,d --enable-libphobos --enable-libstdcxx-allocator=new --enable-link-mutex --enable-linux-futex --enable-multilib --enable-offload-targets=hsa,nvptx-none=/usr/nvptx-none, --enable-plugin --enable-ssp --enable-version-specific-runtime-libs --host=x86\_64-suse-linux --mandir=/usr/share/man --with-arch-32=x86-64 --with-build-config=bootstrap-lto-lean --with-gcc-major-version-only --with-slibdir=/lib64 --with-tune=generic --without-cuda-driver --without-system-libunwind  
Disk Notes: MQ-DEADLINE / relatime,rw,space\_cache,ssd,subvol=/@/home,subvol=264  
Processor Notes: Scaling Governor: acpi-cpufreq ondemand - CPU Microcode: 0x8108109  
Graphics Notes: GLAMOR  
Java Notes: OpenJDK Runtime Environment (build 11.0.5+10-suse-2.1-x8664)  
Python Notes: Python 2.7.17 + Python 3.7.3  
Security Notes: itlb\_multihit: Not affected + l1tf: Not affected + mds: Not affected + meltdown: Not affected + spec\_store\_bypass: Mitigation of SSB disabled via prctl and seccomp + spectre\_v1: Mitigation of usercopy/swapgs barriers and \_\_user pointer sanitization + spectre\_v2: Mitigation of Full AMD retpoline IBPB: conditional STIBP: disabled RSB filling + tsx\_async\_abort: Not affected

	CentOS Stream	Clear Linux 31990	Debian Testing	Endeavo urOS	Fedora Workstati on 31	Manjaro Linux 18.1.5	Ubuntu 18.04.3 LTS	Ubuntu 19.10	openSUS E Tumblew eed
<b>Selenium - 99.10</b>		<b>135.55</b>	47.25	76.53	103.68	70.64	<b>44.24</b>	45.25	46.95
<b>MotionMark - Firefox (Score)</b>									
<b>Normalized</b>	73.11%	100%	34.86%	56.46%	76.49%	52.11%	32.64%	33.38%	34.64%
<b>Standard Deviation</b>	14%	8.7%	21.4%	17.8%	15.9%	10.5%	11.5%	2.9%	13.5%

Perl Benchmarks -	0.001183	0.001125	0.002095		0.002237	0.001037	0.001181	0.001266
Interpreter (sec)	36	94	74		16	99	02	34
Normalized	87.72%	92.19%	49.53%		46.4%	100%	87.89%	81.97%
Standard Deviation	1.4%	1%	5.5%		3.1%	1.1%	1.2%	0.6%
Selenium - Jetstream	155.57	164.32	152.96	152.80	162.47	153.03	148.69	149.55
- Firefox (Score)								
Normalized	94.68%	100%	93.09%	92.99%	98.87%	93.13%	90.49%	91.01%
Standard Deviation	0.6%	0.4%	0.7%	0.1%	0.2%	0.2%	0.7%	0.1%
Selenium - ARES-6 -	74.95	61.31	75.27	67.64	58.47	66.51	73.48	72.55
Firefox (ms)								
Normalized	78.01%	95.37%	77.68%	86.44%	100%	87.91%	79.57%	80.59%
Standard Deviation	0.3%	0.7%	1.3%	1.6%	0.9%	1.2%	0.8%	1%
Stockfish - Total	5747289	5345249	5528913	5308655	5355844	5309202	5461093	5233951
Time (Nodes/s)								
Normalized	100%	93%	96.2%	92.37%	93.19%	92.38%	95.02%	91.07%
Standard Deviation	0.6%	0.5%	1.5%	0.1%	0.9%	0.8%	1.3%	0.6%
Xonotic - 1920 x	78.71644	86.79603	85.95700	80.21148	83.61662	80.06697	84.14136	85.99218
1080 - Ultimate (FPS)	13	44	67	21	17	42	83	59
Normalized	90.69%	100%	99.03%	92.41%	96.34%	92.25%	96.94%	99.07%
Standard Deviation	0%	0.2%	0.2%	0.1%	0.1%	0.2%	0.1%	0.2%
Perl Benchmarks -	0.174655	0.175738	0.177695		0.178059	0.176854	0.173841	0.175548
Pod2html (sec)	69	36	41		85	10	30	63
Normalized	99.53%	98.92%	97.83%		97.63%	98.3%	100%	99.03%
Standard Deviation	0.6%	1.8%	2.3%		0.7%	0.7%	0.7%	0.7%
Selenium -	56.6	74.4	55.9	71.41	74.2	71.66	55.20	55.22
Speedometer -								
Firefox (Runs/min)								
Normalized	76.08%	100%	75.13%	95.98%	99.73%	96.32%	74.19%	74.22%
Standard Deviation	0.2%	0.4%	0.2%	0.7%	0.6%	0.5%	0.7%	0.1%
TTSIOD 3D Renderer	125.490	124.400	125.588	122.924	117.926	122.799	121.076	122.579
- P.R.W.S.S.M (FPS)								
Normalized	99.92%	99.05%	100%	97.88%	93.9%	97.78%	96.41%	97.6%
Standard Deviation	0.5%	0.5%	0.2%	0.2%	0.2%	0.1%	0.3%	0%
Xonotic - 1920 x	116.6398	134.4194	130.3202	121.2609	127.0645	121.1820	127.8530	130.6704
1080 - Ultra (FPS)	679	385	061	281	448	369	836	163
Normalized	86.77%	100%	96.95%	90.21%	94.53%	90.15%	95.12%	97.21%
Standard Deviation	0.2%	0.3%	0.2%	0.4%	0.3%	0.4%	0.3%	0.3%
Selenium -	53.5	65.5	51.5	60.0	64.2	59.7	51.6	51.9
StyleBench - Firefox								
(Runs / Minute)								
Normalized	81.68%	100%	78.63%	91.6%	98.02%	91.15%	78.78%	79.24%
Standard Deviation	0.3%	0.3%	0.5%	0.8%	0.8%	0.4%	0.6%	0.9%
Zstd Compression -	72.505	69.215	72.361	73.668	74.570	73.608	74.582	73.331
C.u.1.0.3.s.i.i.C.L.1								
(sec)								
Normalized	92.89%	97.31%	93.08%	91.43%	90.32%	91.5%	90.31%	91.85%
Standard Deviation	0.8%	0.2%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%
Xonotic - 1920 x	153.6130	185.7034	174.8251	163.1044	169.7903	162.9657	168.9960	175.1322
1080 - High (FPS)	792	223	709	304	811	307	824	100
Normalized	82.72%	100%	94.14%	87.83%	91.43%	87.76%	91%	94.31%
Standard Deviation	0.2%	0.2%	0.3%	0.2%	0.3%	0.2%	0.2%	0.3%



DeepSpeech - CPU (sec)	68.07025	69.53448	70.98370	83.44218	68.24018	83.19555	73.33096	71.99508	71.62807
Normalized	100%	97.89%	95.9%	81.58%	99.75%	81.82%	92.83%	94.55%	95.03%
Standard Deviation	0.3%	0.2%	1.4%	0.8%	0.8%	1.2%	2.6%	0.5%	0.6%
Himeno Benchmark - P.P.S (MFLOPS)	3938	4002	3951	3950	3917	3938	4006	4060	4017
Normalized	97.01%	98.59%	97.33%	97.3%	96.5%	97.01%	98.68%	100%	98.95%
Standard Deviation	1.4%	0.3%	2.9%	0.8%	2.5%	1.2%	2.6%	1.6%	1.1%
SVT-AV1 - Enc Mode 8 - 1080p (FPS)	5.927	6.202	5.778	5.938	5.637	5.947	5.732	4.939	5.746
Normalized	95.57%	100%	93.16%	95.74%	90.89%	95.89%	92.42%	79.64%	92.65%
Standard Deviation	0.2%	0.1%	0.7%	0.1%	1.2%	0.1%	0.1%	1.9%	1.8%
Java SciMark - Composite (Mflops)	2223	2486	2164	2156	2281	2477	2028	2026	2171
Normalized	89.41%	100%	87.05%	86.73%	91.72%	99.62%	81.55%	81.5%	87.32%
Standard Deviation	3%	0.8%	0.3%	0.8%	2.9%	0.5%	0.6%	0.5%	0.3%
Smallpt - G.I.R.1.S (sec)	51.584	48.126	52.822	52.649	51.068	52.532	55.843	52.469	50.905
Normalized	93.3%	100%	91.11%	91.41%	94.24%	91.61%	86.18%	91.72%	94.54%
Standard Deviation	0%	0%	0.1%	0.1%	0.2%	0.2%	0.1%	0.1%	0.1%
Xonotic - 1920 x 1080 - Low (FPS)	269.9248	313.9943	290.3139	294.8079	283.0846	295.0856	282.0313	289.0933	295.5687
Normalized	938	200	075	288	494	893	419	286	078
Standard Deviation	85.96%	100%	92.46%	93.89%	90.16%	93.98%	89.82%	92.07%	94.13%
Standard Deviation	0.4%	0.2%	0.4%	0.2%	0.3%	0.5%	0.6%	1.3%	0.8%
x265 - H.2.1.V.E (FPS)	14.44	14.55	14.42	14.38	14.21	14.37	14.11	14.31	14.41
Normalized	99.24%	100%	99.11%	98.83%	97.66%	98.76%	96.98%	98.35%	99.04%
Standard Deviation	0.6%	0.3%	0.3%	0.2%	0.1%	0.2%	0%	0.2%	0.1%
PyBench - T.F.A.T.T (Milliseconds)	1808	1221	1349	1550	1783	1546	1424	1325	1688
Normalized	67.53%	100%	90.51%	78.77%	68.48%	78.98%	85.74%	92.15%	72.33%
Standard Deviation	0.3%	1.6%	0.1%	0.5%	0.5%	0.4%	0.7%	0.3%	
Tesseract - 1920 x 1080 (FPS)		89.92226	89.22670	84.87431	85.33387	84.95729	88.26902	89.06557	
Normalized		100%	99.23%	94.39%	94.9%	94.48%	98.16%	99.05%	
Standard Deviation		0.1%	0.4%	0.4%	0.6%	0.3%	0.5%	0.3%	
Selenium - PSPDFKit WASM - Firefox (Score)	2098	1996	2167	2093	2079	2072	2207	2238	2161
Normalized	95.14%	100%	92.11%	95.37%	96.01%	96.33%	90.44%	89.19%	92.36%
Standard Deviation	1.2%	1.2%	0.6%	0.5%	0.9%	0.9%	0.8%	0.1%	0.3%
dav1d - S.N.1 (FPS)	136.17	144.95	130.11	130.87	129.36	130.48	128.95	126.32	130.79
Normalized	93.94%	100%	89.76%	90.29%	89.24%	90.02%	88.96%	87.15%	90.23%
Standard Deviation	0.2%	0%	0.4%	0.3%	0.3%	0%	0.2%	2%	0.3%
Selenium - Maze Solver - Firefox (sec)	5.3	4.7	5.7	5.3	4.5	5.4	5.6	5.7	5.3
Normalized	84.91%	95.74%	78.95%	84.91%	100%	83.33%	80.36%	78.95%	84.91%
Standard Deviation	1.1%	2.5%	1%	0%	0%	1.1%	1.8%	0%	1.1%
FLAC Audio Encoding - WAV To	11.099	10.186	11.065	11.156	10.997	11.162	10.965	11.040	10.949
Normalized	91.77%	100%	92.06%	91.31%	92.63%	91.26%	92.9%	92.26%	93.03%
Standard Deviation	0.2%	0.4%	0.9%	0.4%	0.2%	0.3%	0.4%	0.2%	0.2%

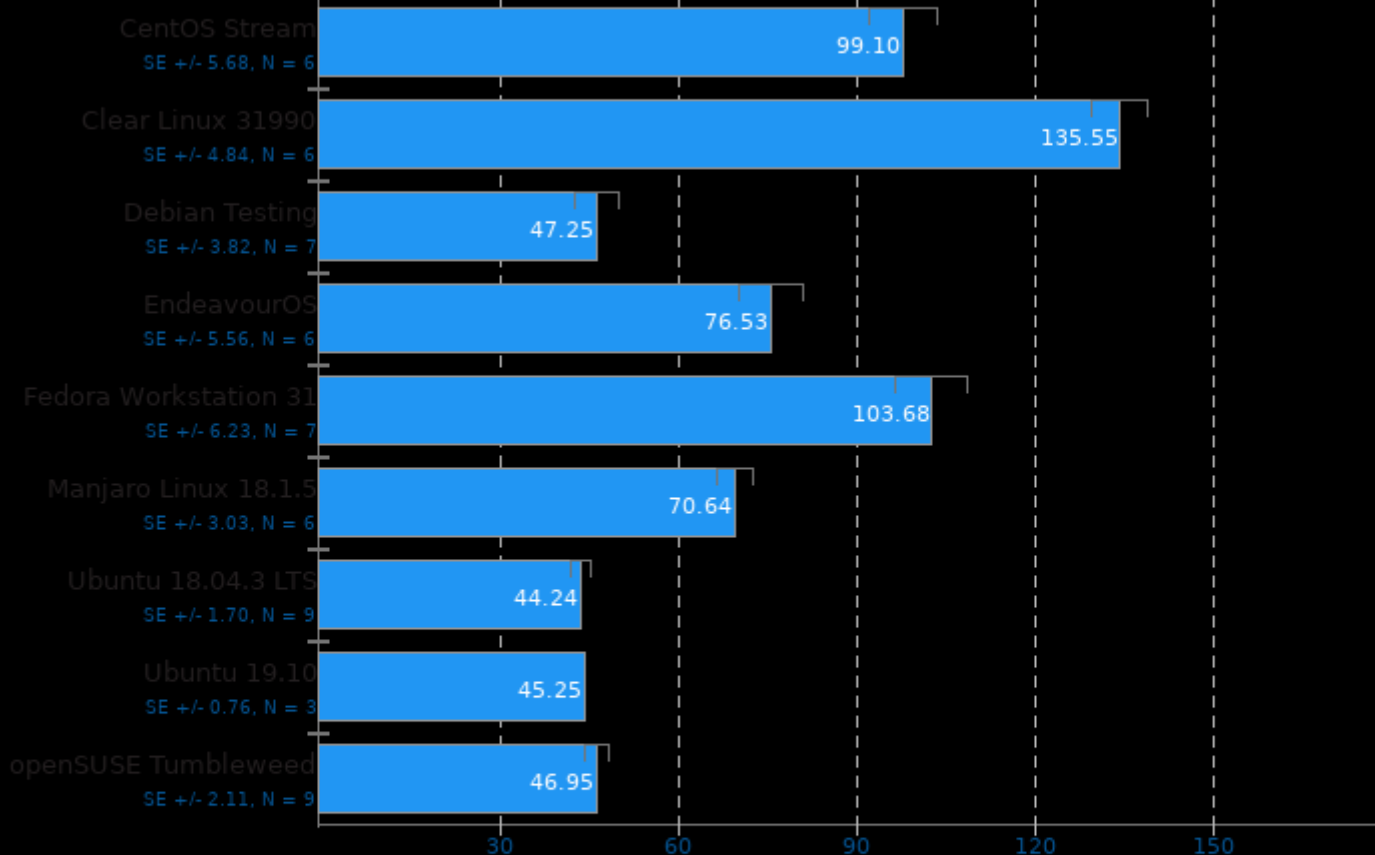
<b>ParaView - Wavelet Contour - 1920 x 1080 (MiPolys / Sec)</b>	<b>228.691</b>	<b>262.597</b>	237.909	236.518	238.927	235.296	234.389	239.181	238.086
Normalized	87.09%	100%	90.6%	90.07%	90.99%	89.6%	89.26%	91.08%	90.67%
Standard Deviation	0.1%	0.1%	0.2%	1.9%	0.7%	1.1%	0.7%	0.2%	0.1%
<b>ParaView - Wavelet Contour - 1920 x 1080 (Frames / Sec)</b>	<b>21.94</b>	<b>25.20</b>	22.83	22.70	22.93	22.58	22.49	22.95	22.85
Normalized	87.06%	100%	90.6%	90.08%	90.99%	89.6%	89.25%	91.07%	90.67%
Standard Deviation	0.1%	0.1%	0.2%	1.9%	0.7%	1.1%	0.7%	0.2%	0.1%
<b>Git - T.T.C.C.G.C (sec)</b>	<b>6.893</b>	<b>6.336</b>	6.551	6.673	6.495	6.669	6.550	6.506	6.626
Normalized	91.92%	100%	96.72%	94.95%	97.55%	95.01%	96.73%	97.39%	95.62%
Standard Deviation	1.2%	0.4%	2.8%	0.9%	2.9%	0.4%	2%	2.2%	0.6%
<b>ParaView - Wavelet Volume - 1920 x 1080 (MiVoxels / Sec)</b>	<b>470.487</b>	465.341	460.468	448.194	454.334	458.331	<b>445.009</b>	461.761	453.563
Normalized	100%	98.91%	97.87%	95.26%	96.57%	97.42%	94.58%	98.15%	96.4%
Standard Deviation	0.8%	0.8%	0.5%	1.2%	1.1%	1.7%	0.8%	1.7%	1.2%
<b>ParaView - Wavelet Volume - 1920 x 1080 (Frames / Sec)</b>	<b>29.41</b>	29.08	28.78	28.01	28.39	28.65	<b>27.81</b>	28.86	28.35
Normalized	100%	98.88%	97.86%	95.24%	96.53%	97.42%	94.56%	98.13%	96.4%
Standard Deviation	0.7%	0.8%	0.5%	1.2%	1.1%	1.7%	0.8%	1.7%	1.2%
<b>ctx_clock - C.S.T (Clocks)</b>	<b>315</b>	<b>210</b>	<b>210</b>	<b>315</b>	<b>210</b>	<b>315</b>	<b>210</b>	<b>210</b>	245
Normalized	66.67%	100%	100%	66.67%	100%	66.67%	100%	100%	85.71%
<b>Systemd Total Boot Time - Kernel (ms)</b>		<b>1688</b>	2676		2215	2499	2386	2070	<b>2733</b>
Normalized		100%	63.08%		76.21%	67.55%	70.75%	81.55%	61.76%



## Selenium

Benchmark: MotionMark - Browser: Firefox

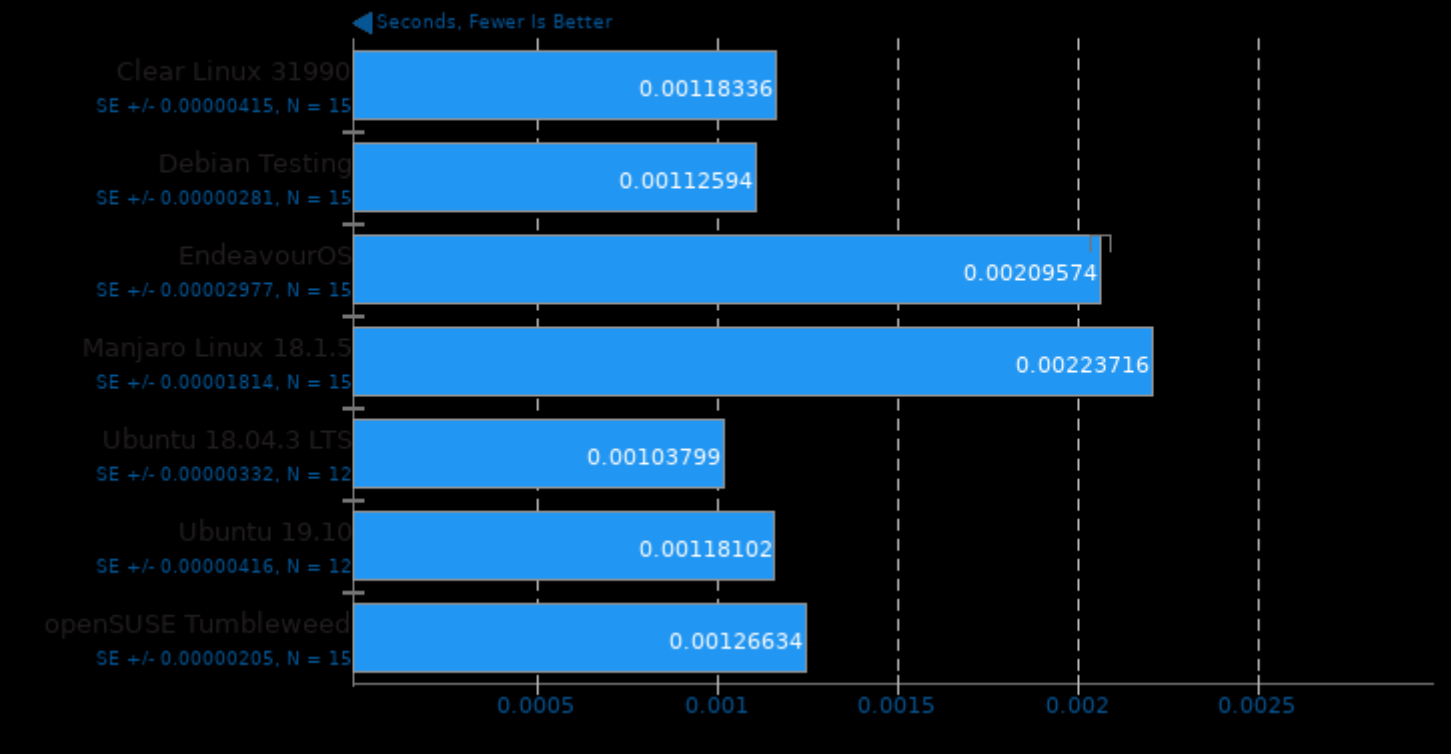
Score, More Is Better



1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

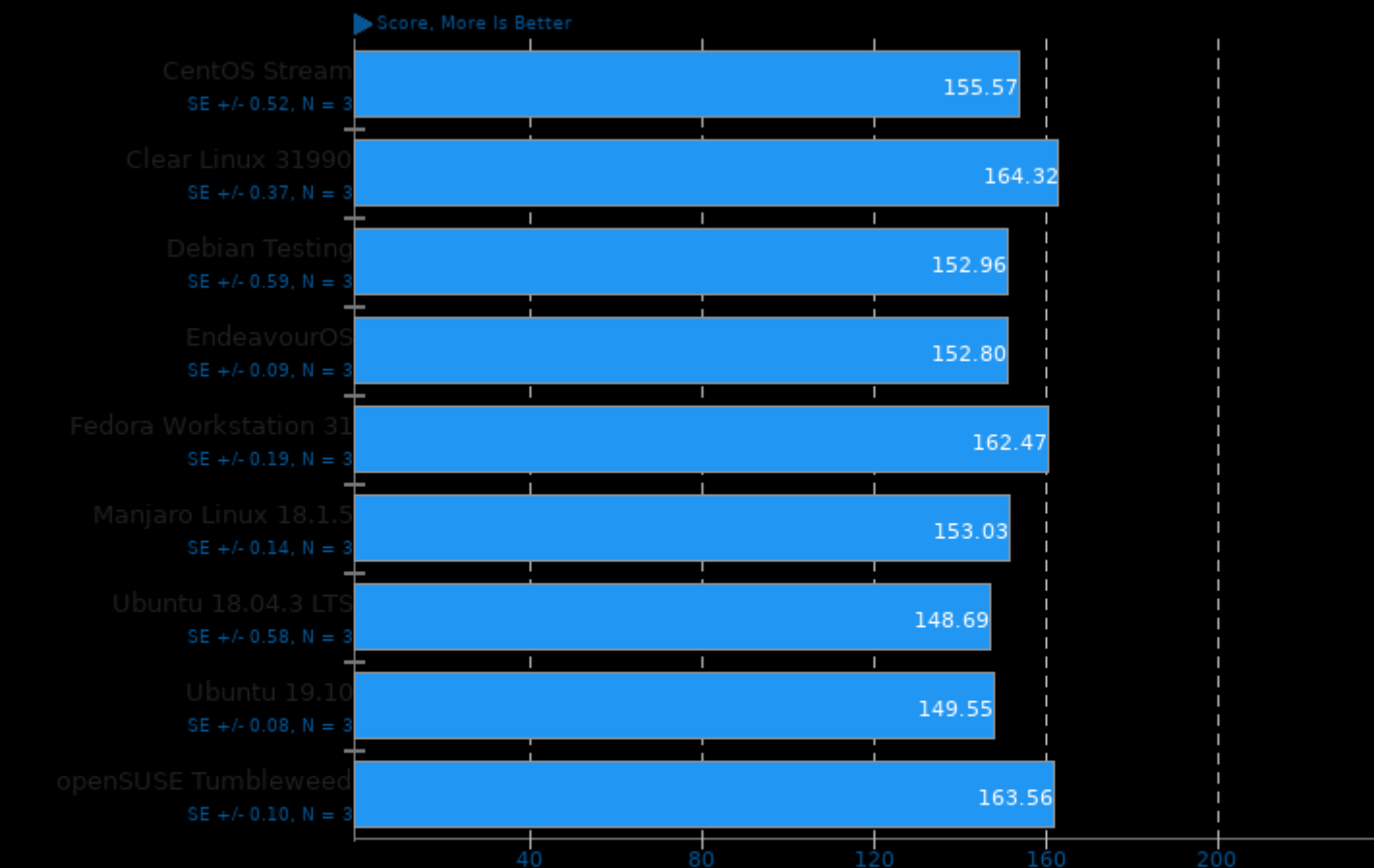
## Perl Benchmarks

Test: Interpreter



## Selenium

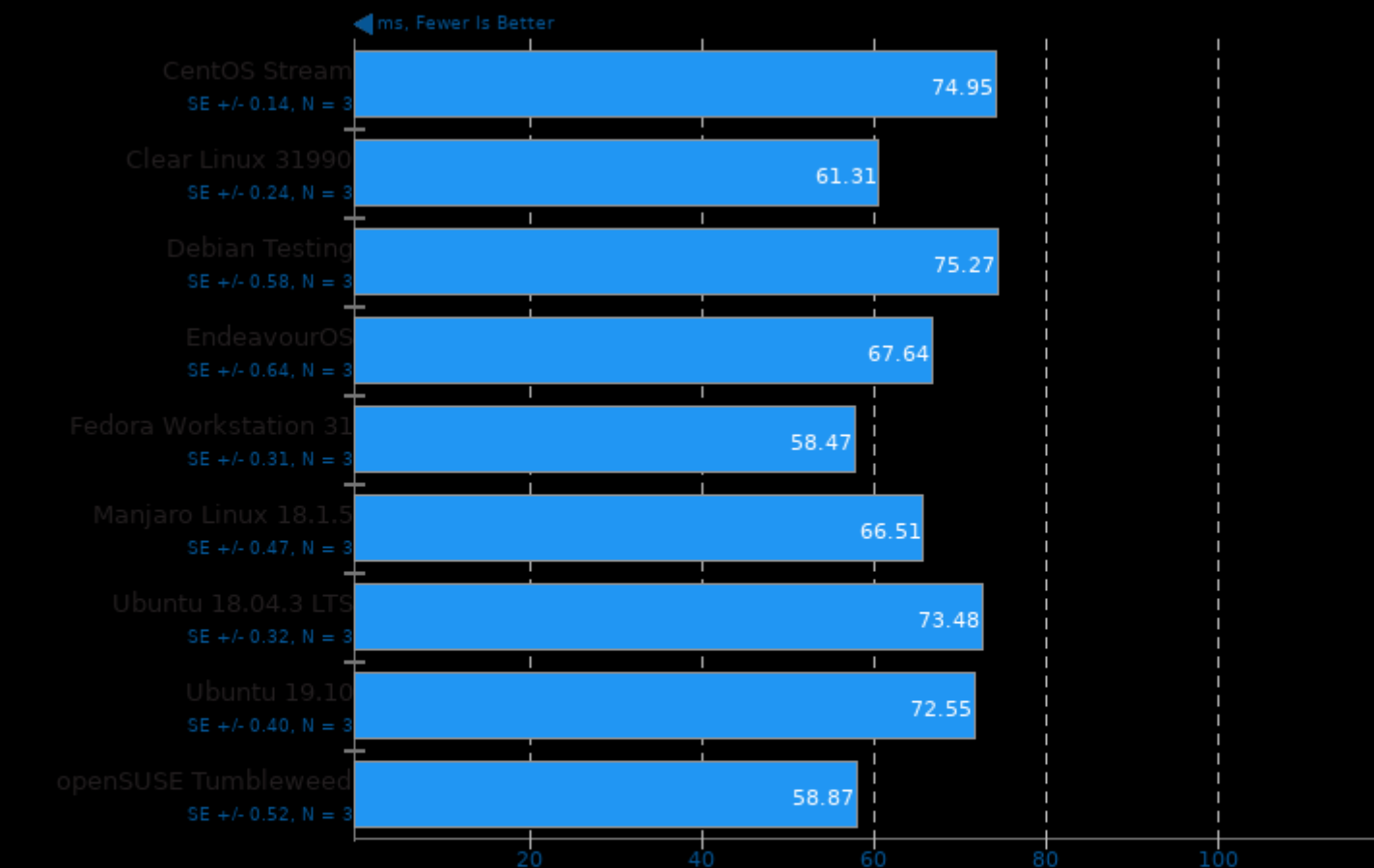
Benchmark: Jetstream - Browser: Firefox



1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

## Selenium

Benchmark: ARES-6 - Browser: Firefox

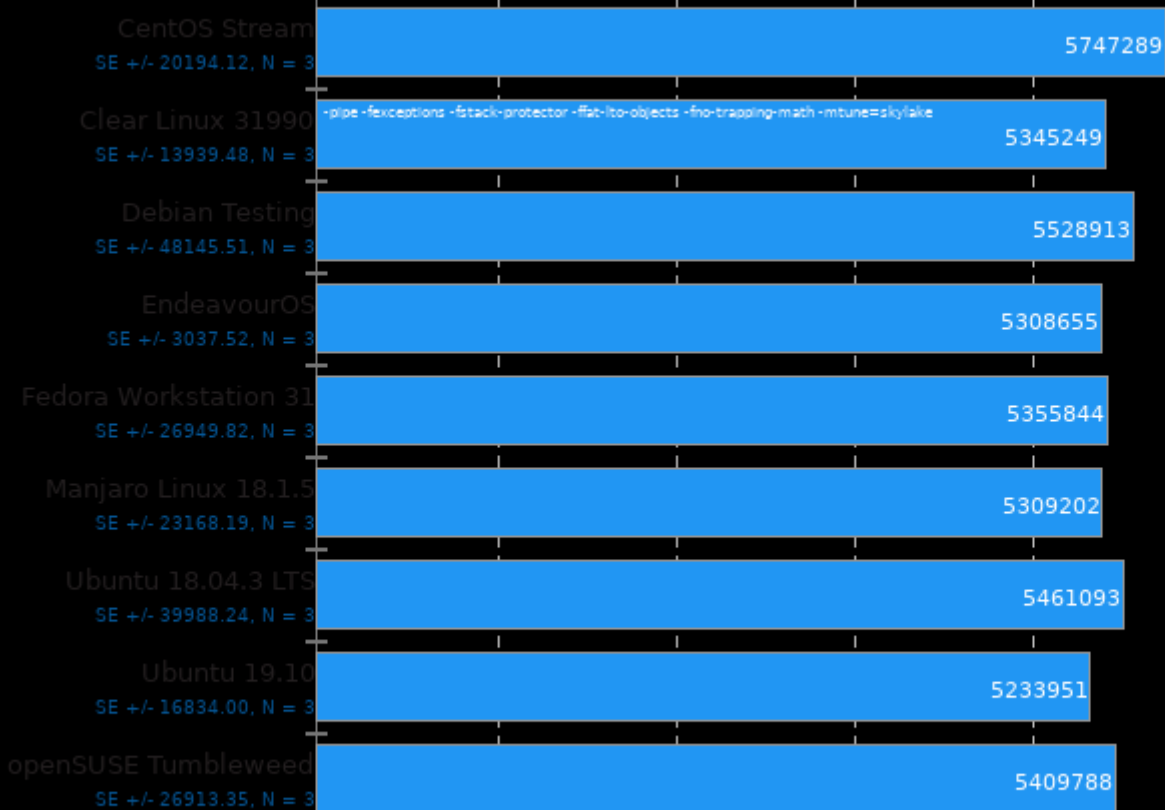


1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

## Stockfish 9

Total Time

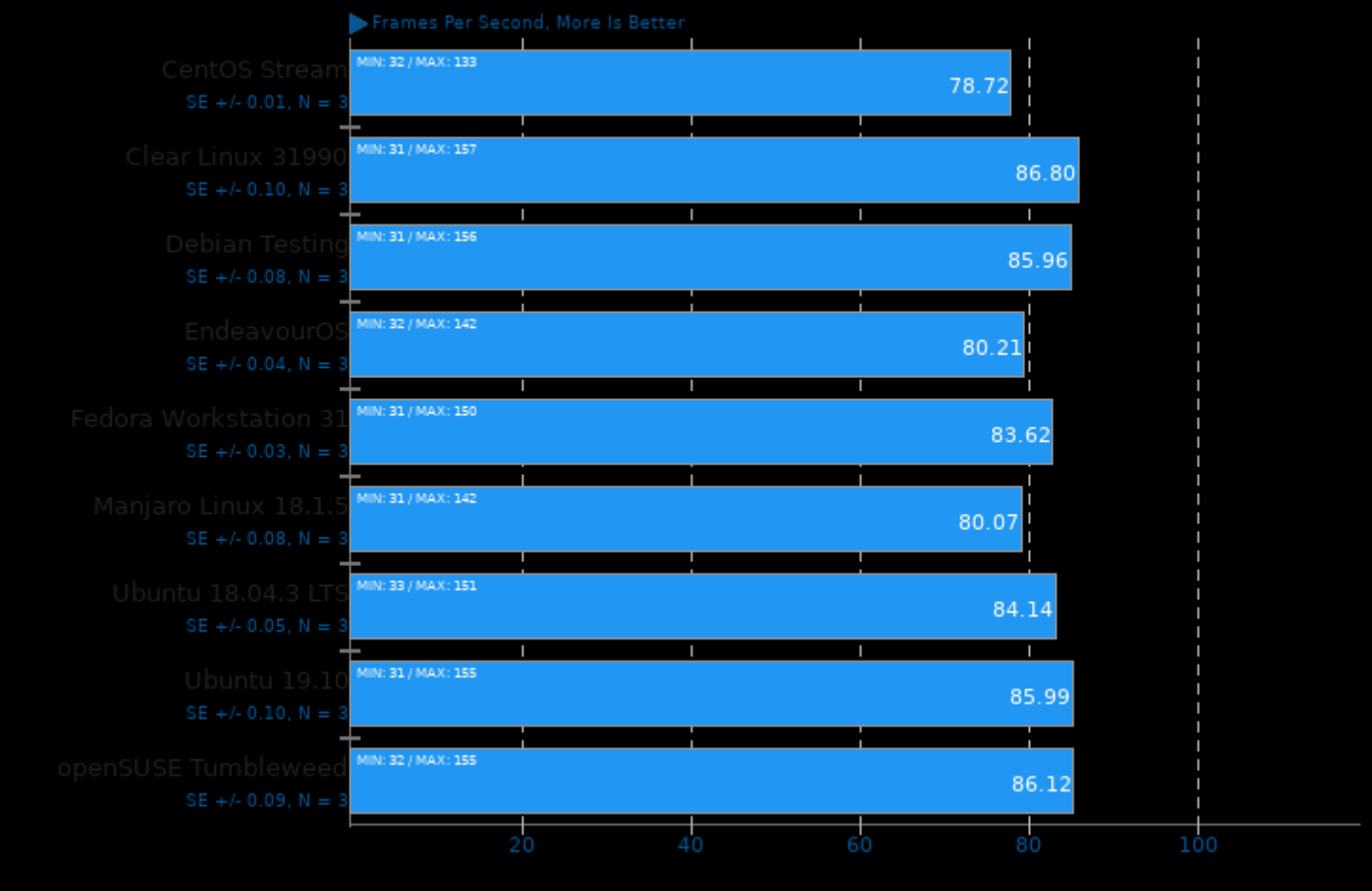
► Nodes Per Second, More Is Better



1. (CXX) g++ options: -m64 -pthread -fno-exceptions -std=c++11 -pedantic -O3 -msse -msse3 -mpopcnt -fno

## Xonotic 0.8.2

Resolution: 1920 x 1080 - Effects Quality: Ultimate

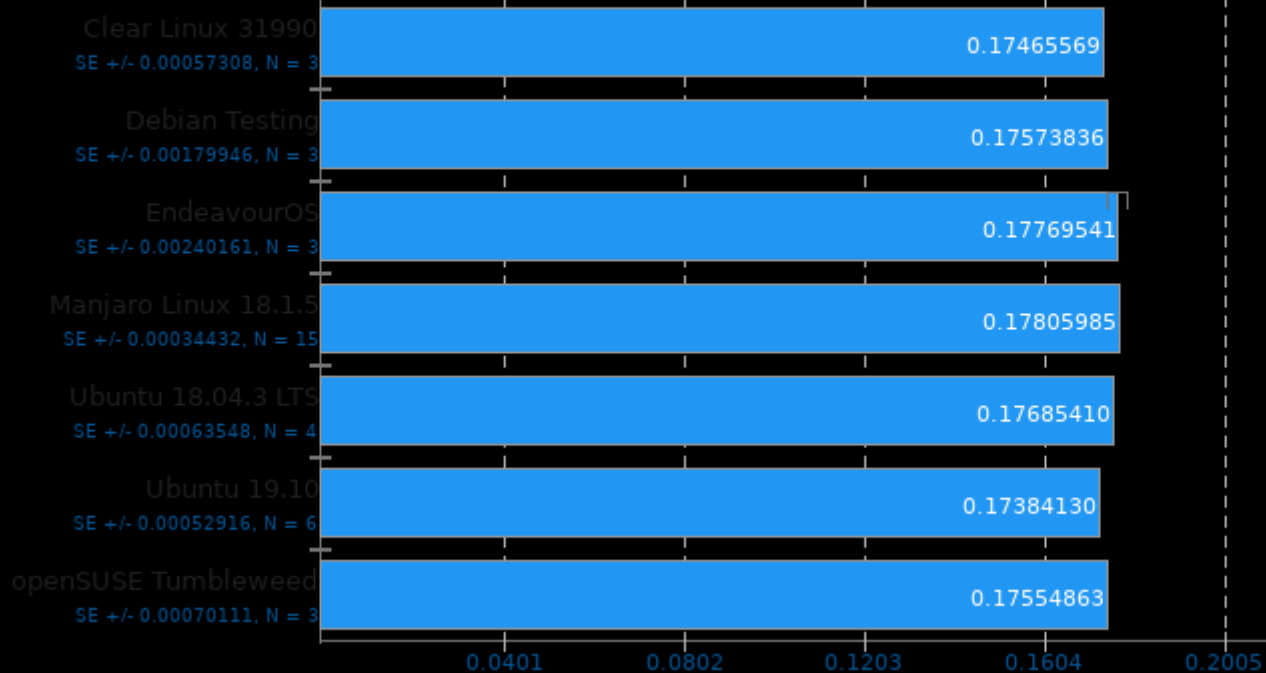




## Perl Benchmarks

Test: Pod2html

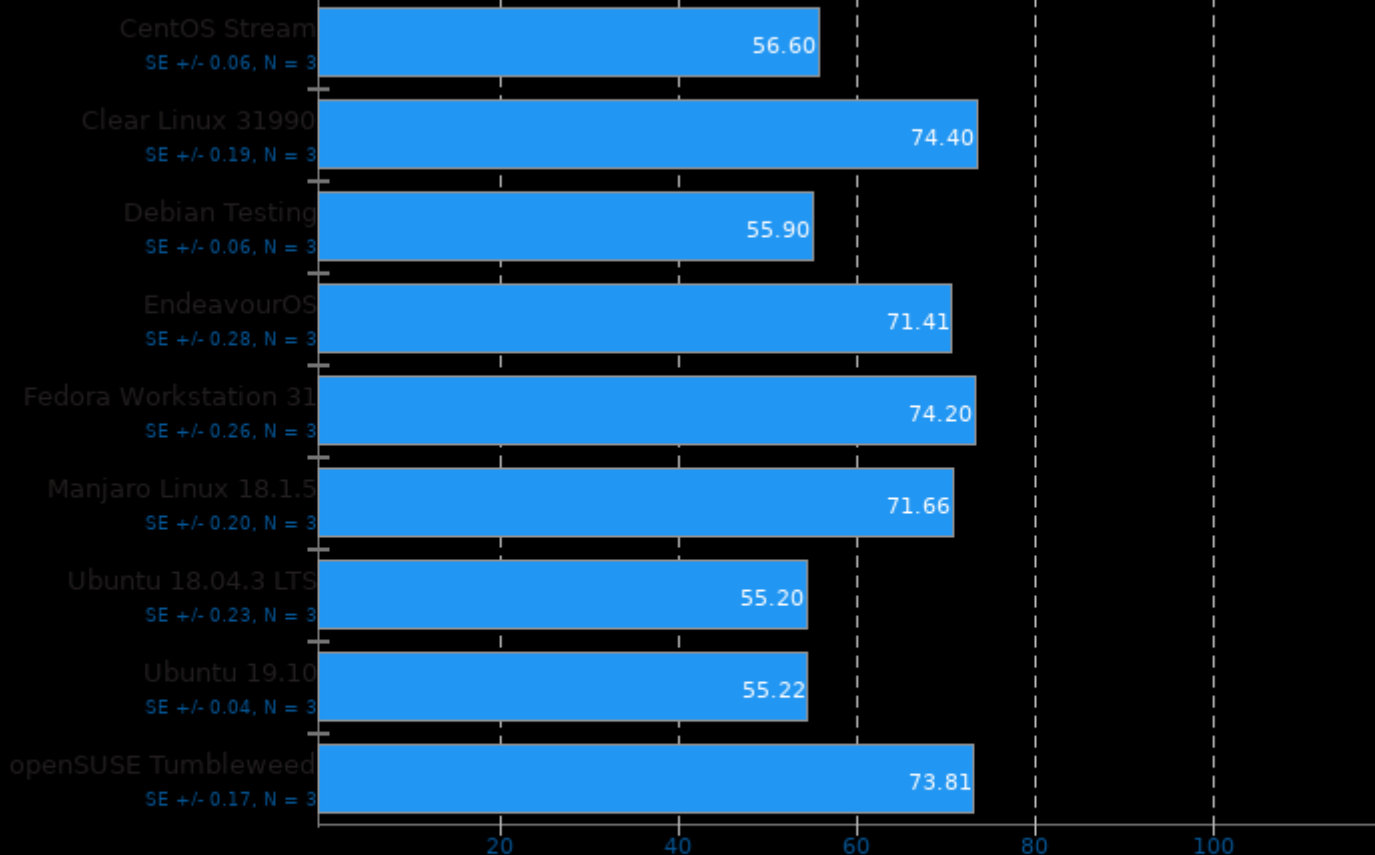
Seconds, Fewer Is Better



## Selenium

Benchmark: Speedometer - Browser: Firefox

Runs Per Minute, More Is Better

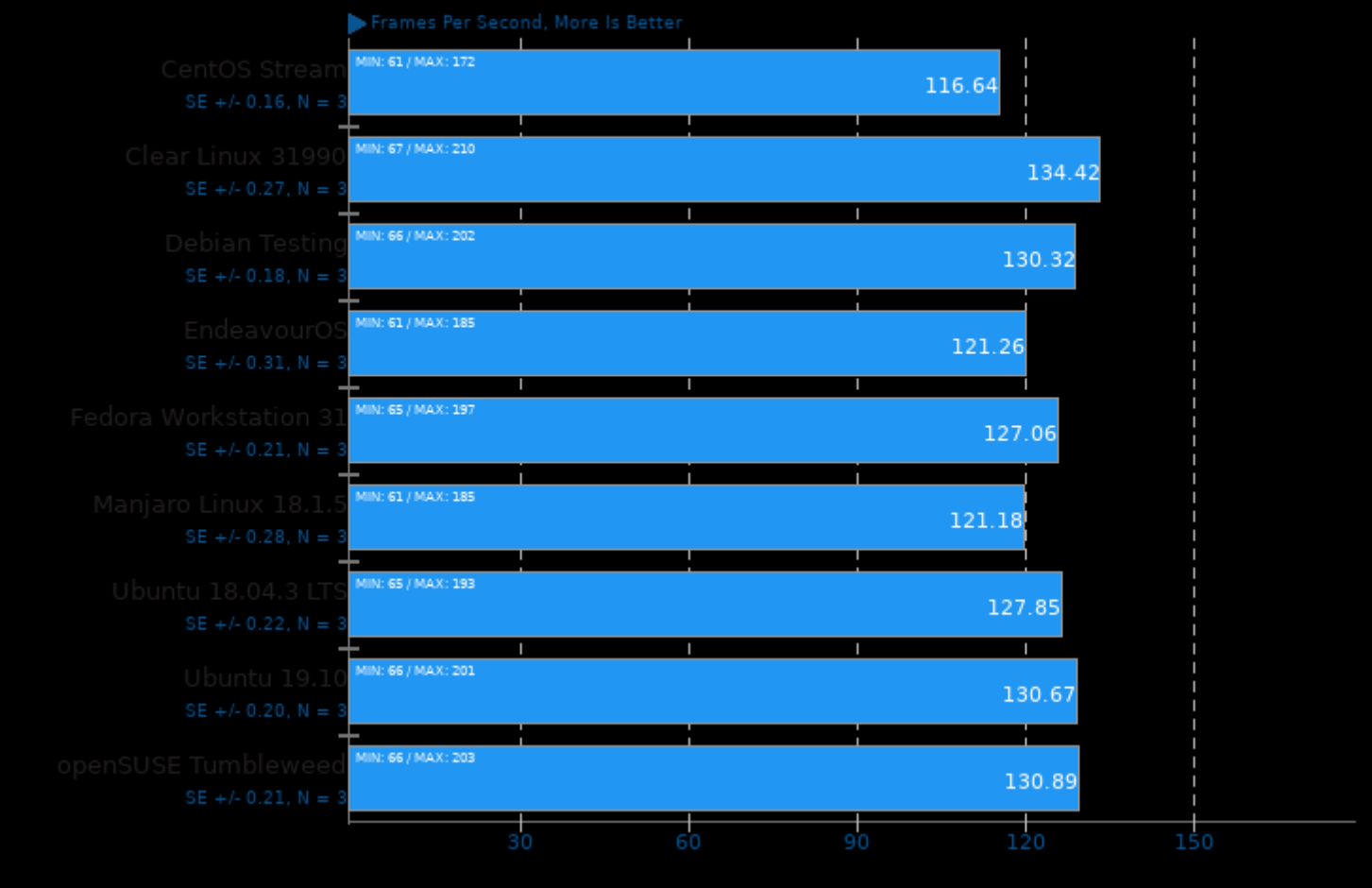


1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1



## Xonotic 0.8.2

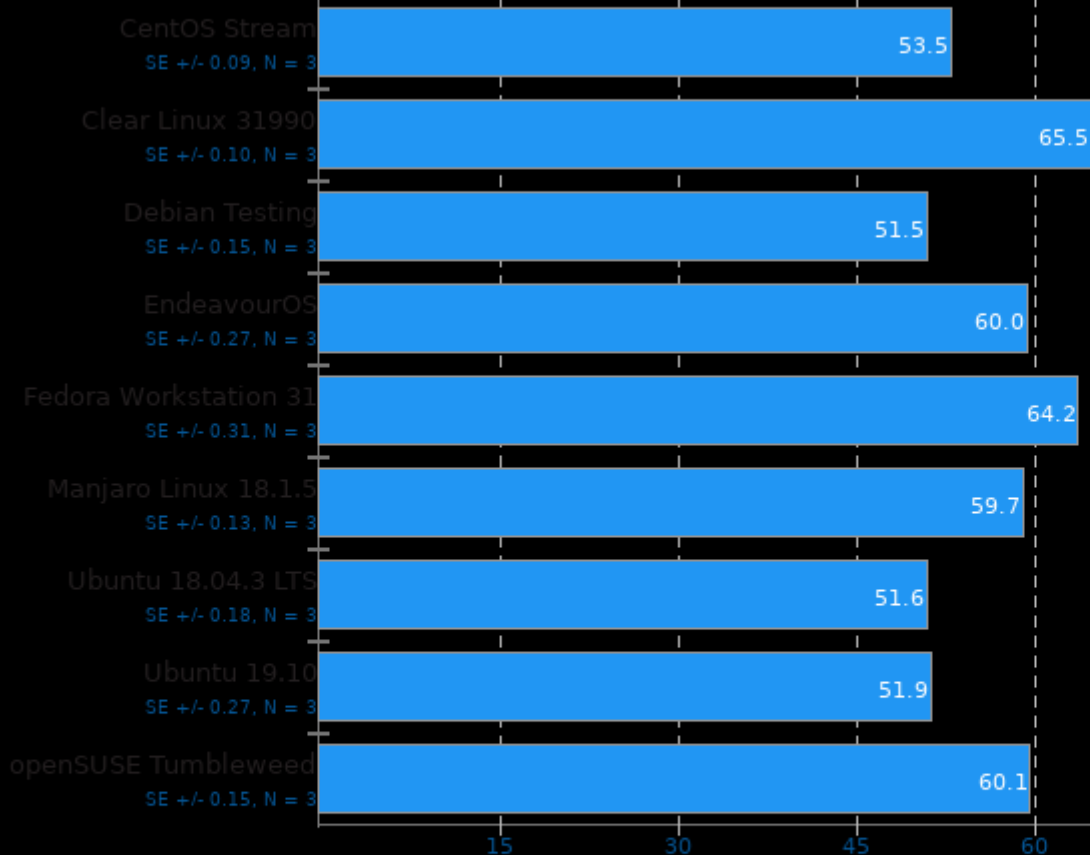
Resolution: 1920 x 1080 - Effects Quality: Ultra



## Selenium

Benchmark: StyleBench - Browser: Firefox

Runs / Minute, More Is Better

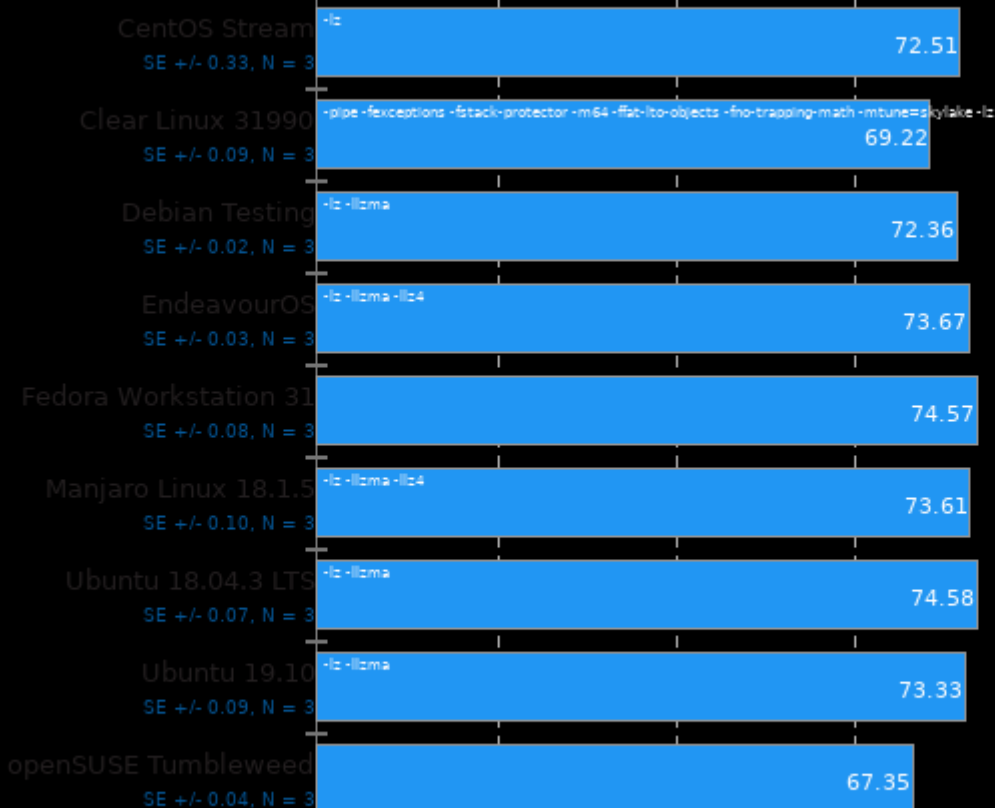


1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

## Zstd Compression 1.3.4

Compressing ubuntu-16.04.3-server-i386.img, Compression Level 19

Seconds, Fewer Is Better

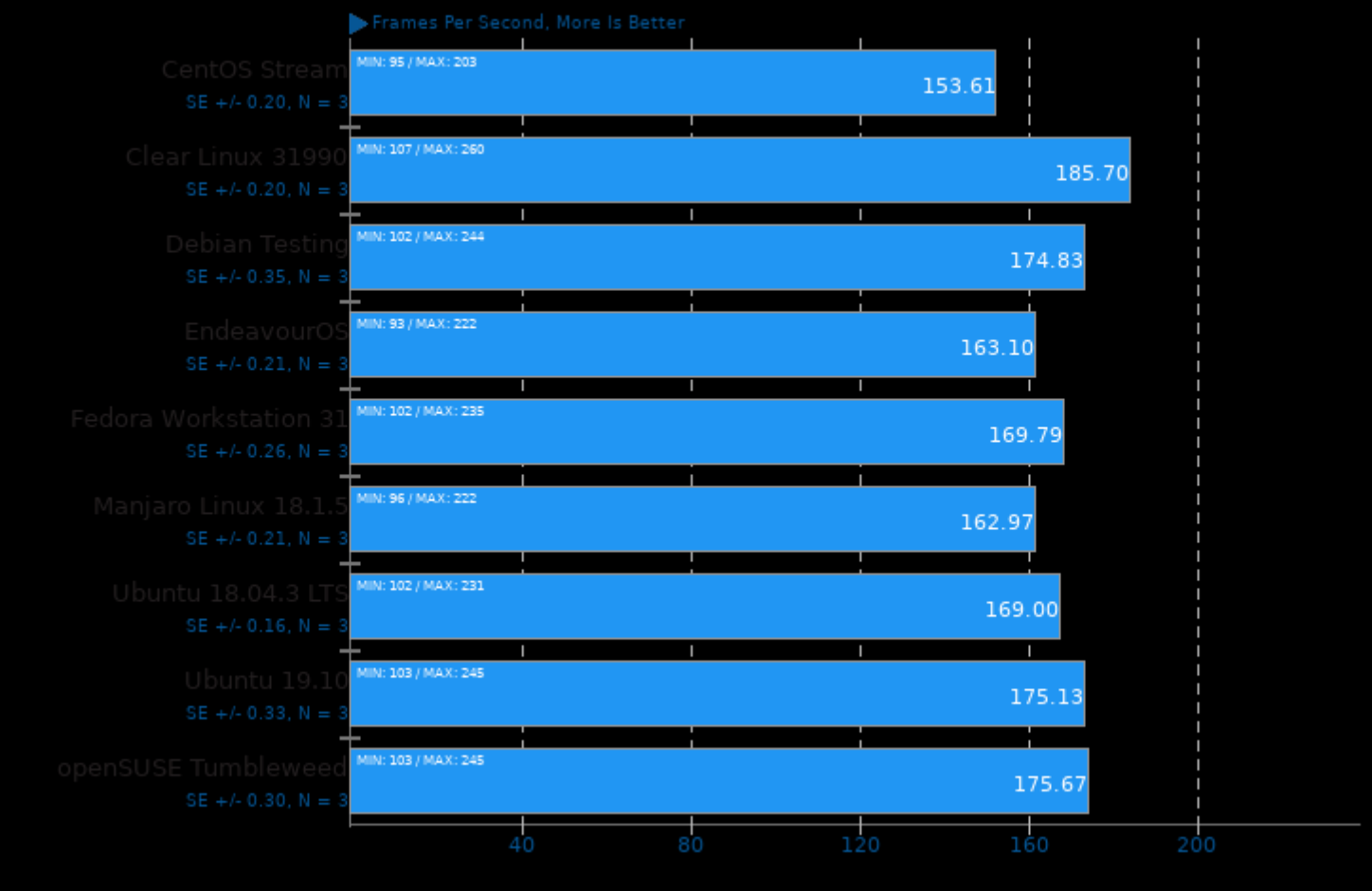


1. (CO) gcc options: -O3 -pthread



## Xonotic 0.8.2

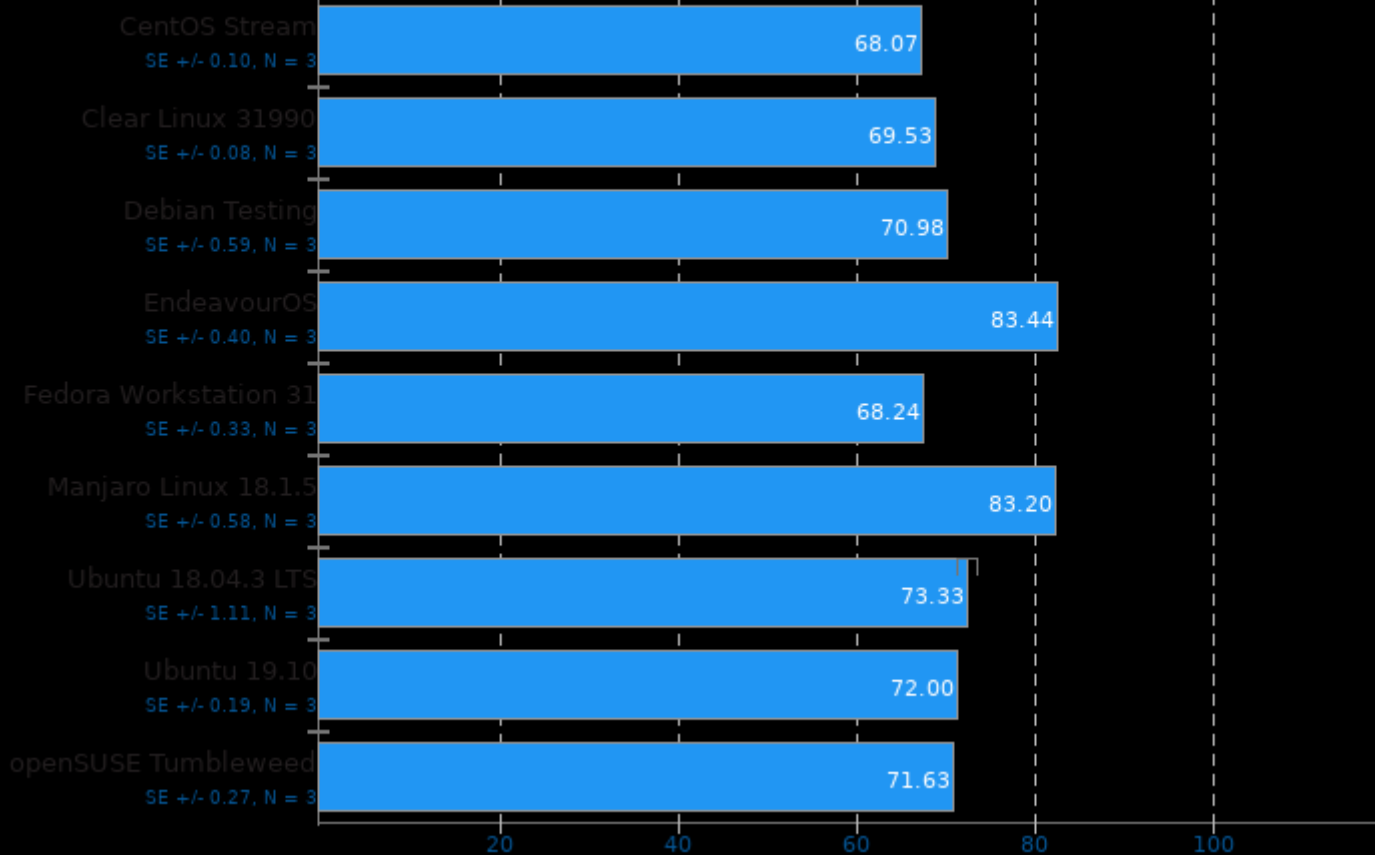
Resolution: 1920 x 1080 - Effects Quality: High



## DeepSpeech 0.6

Acceleration: CPU

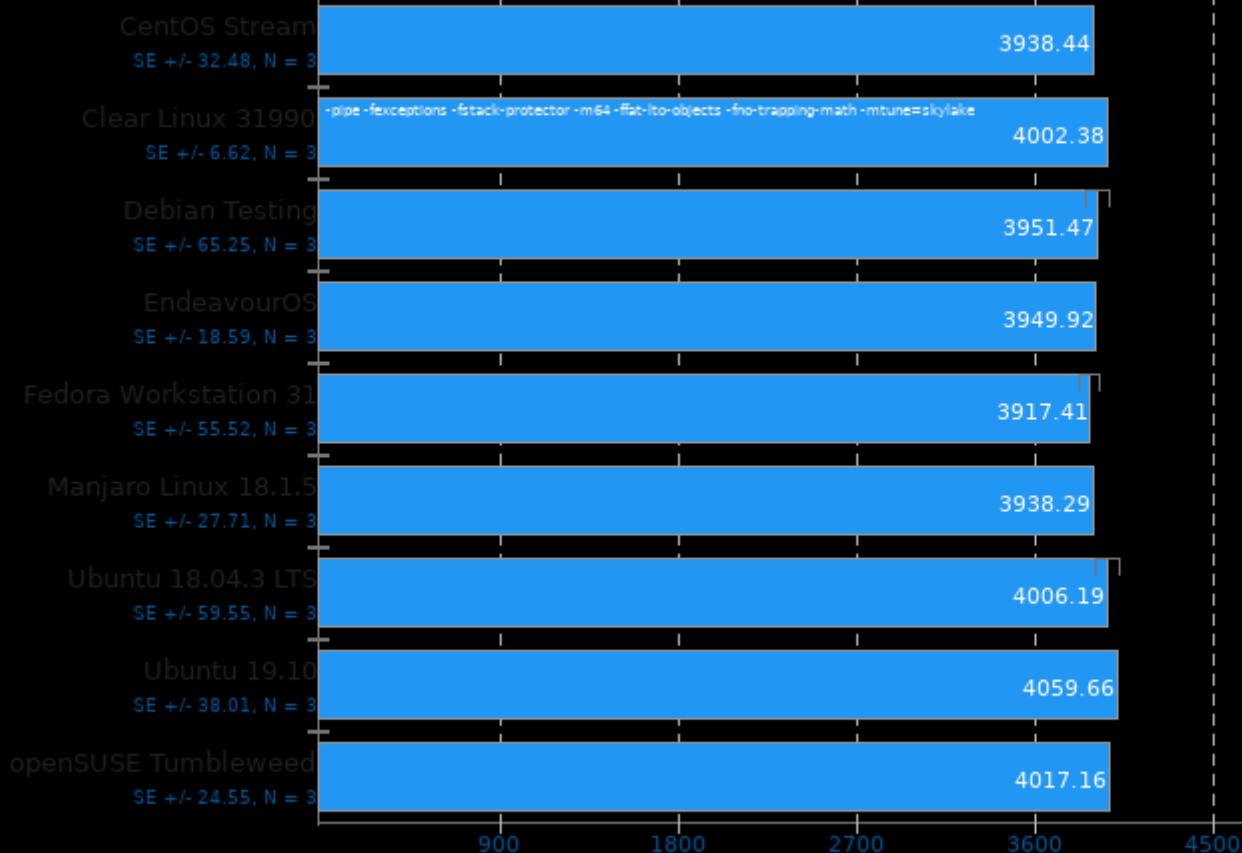
Seconds, Fewer Is Better



## Himeno Benchmark 3.0

Poisson Pressure Solver

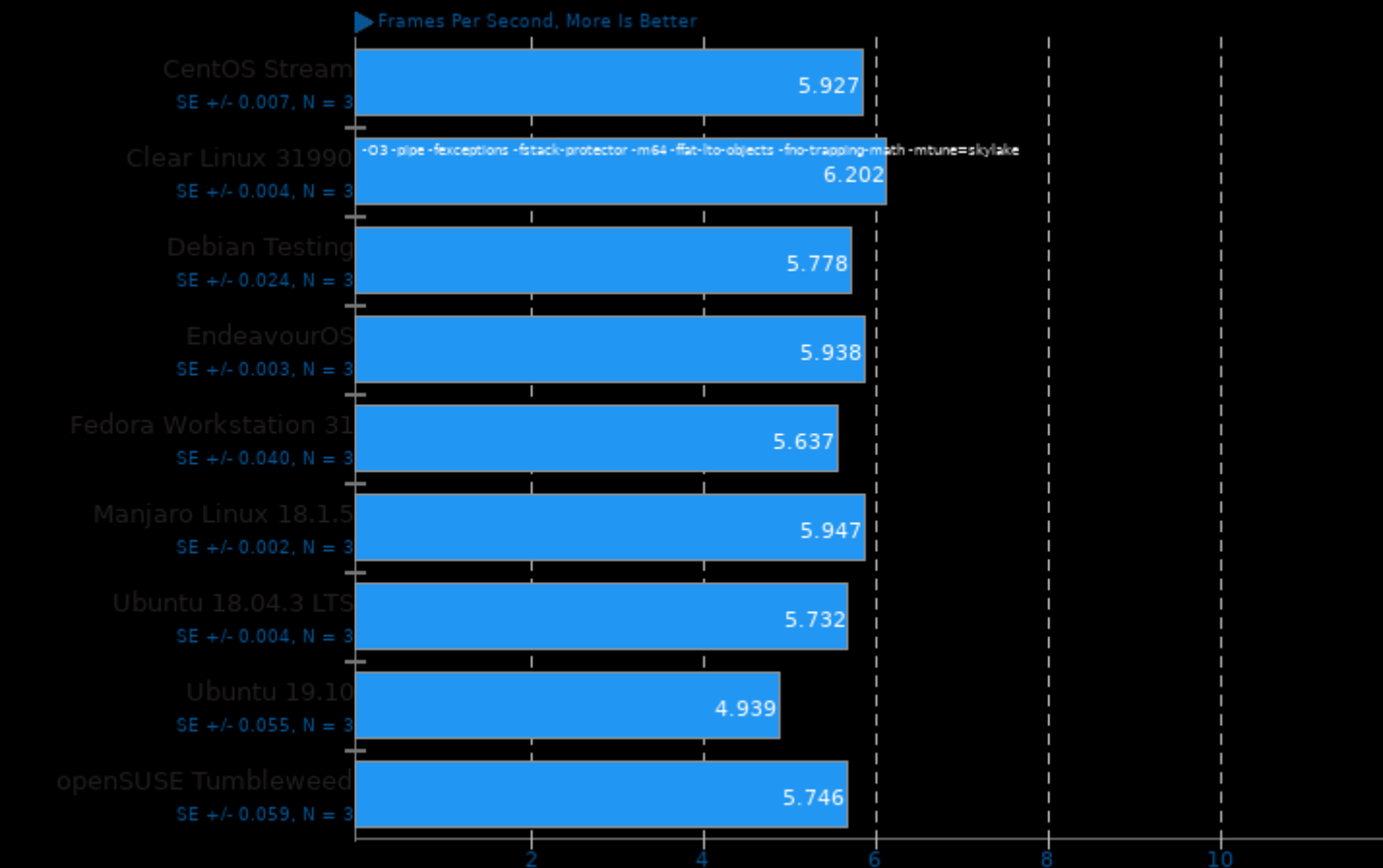
► MFLOPS, More Is Better



1. (CC) gcc options: -O3 -mavx2

## SVT-AV1 0.8

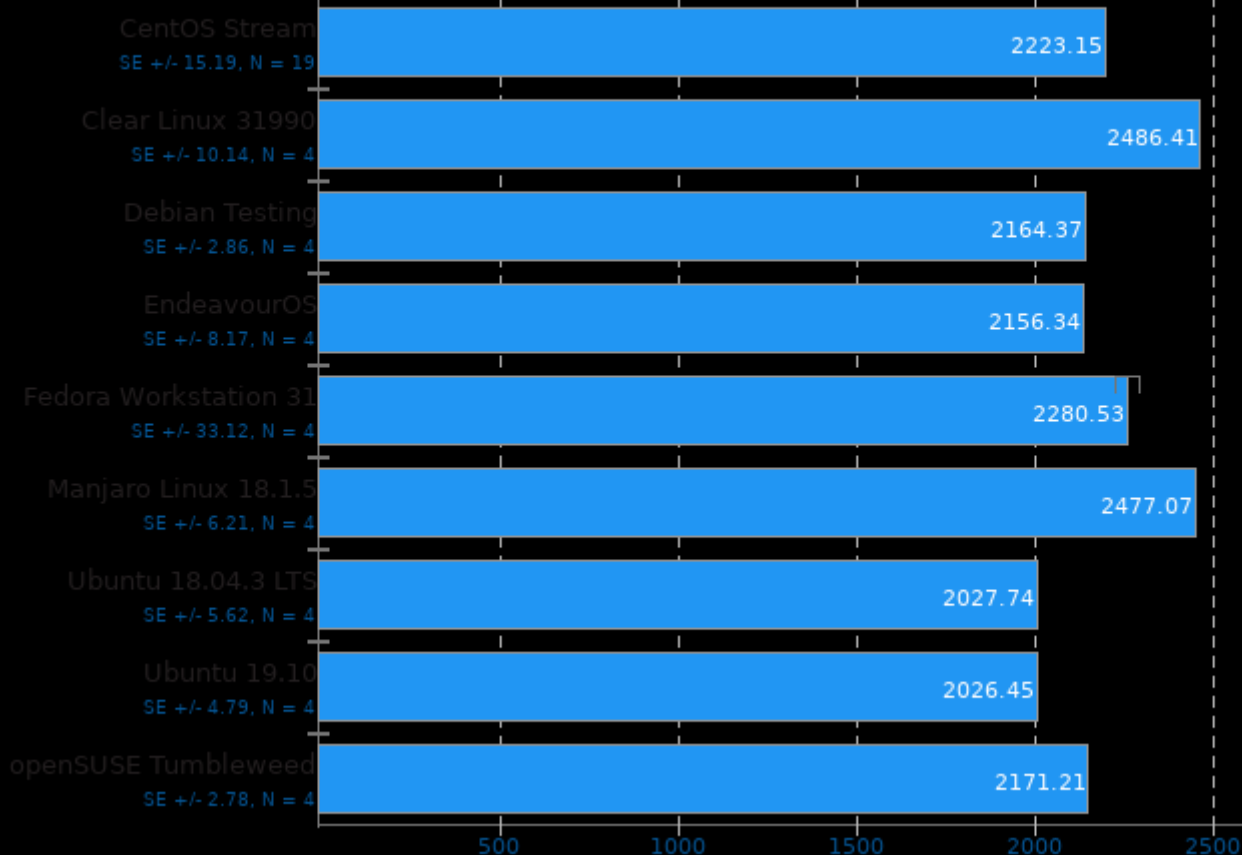
Encoder Mode: Enc Mode 8 - Input: 1080p



## Java SciMark 2.0

Computational Test: Composite

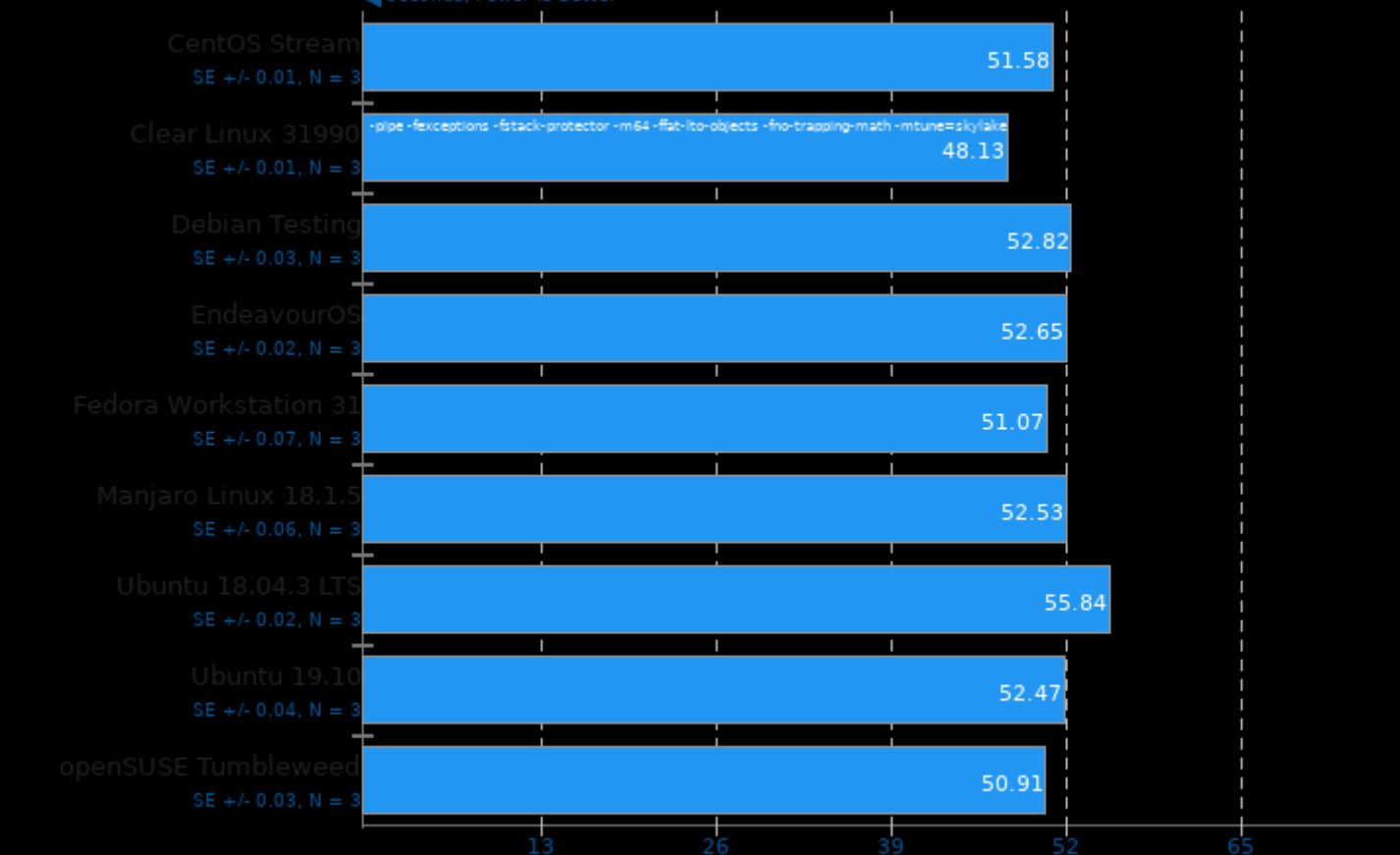
► Mflops, More Is Better



## Smallpt 1.0

Global Illumination Renderer; 128 Samples

◀ Seconds, Fewer Is Better

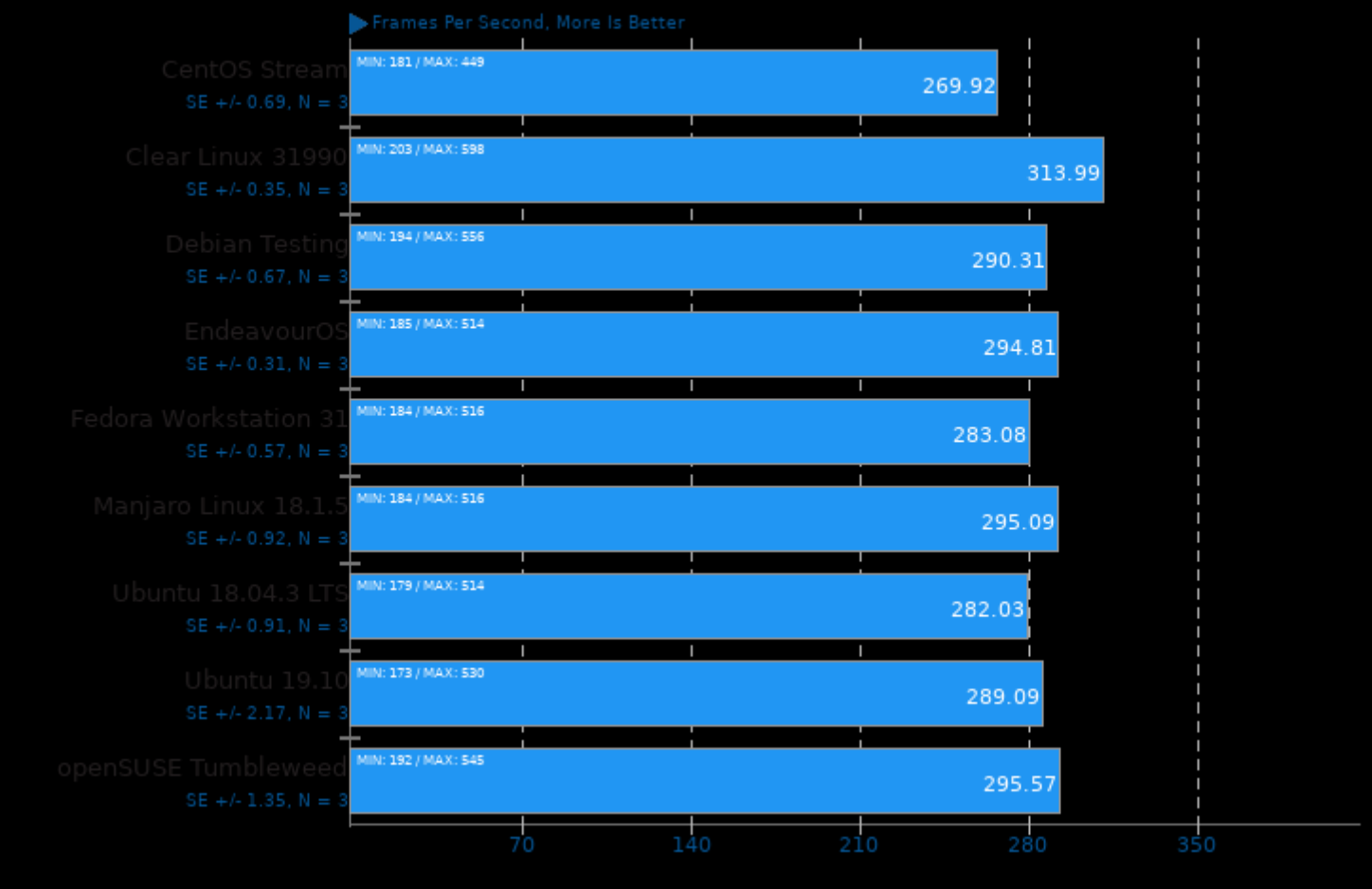


1. (CXX) g++ options: -fopenmp -O3



## Xonotic 0.8.2

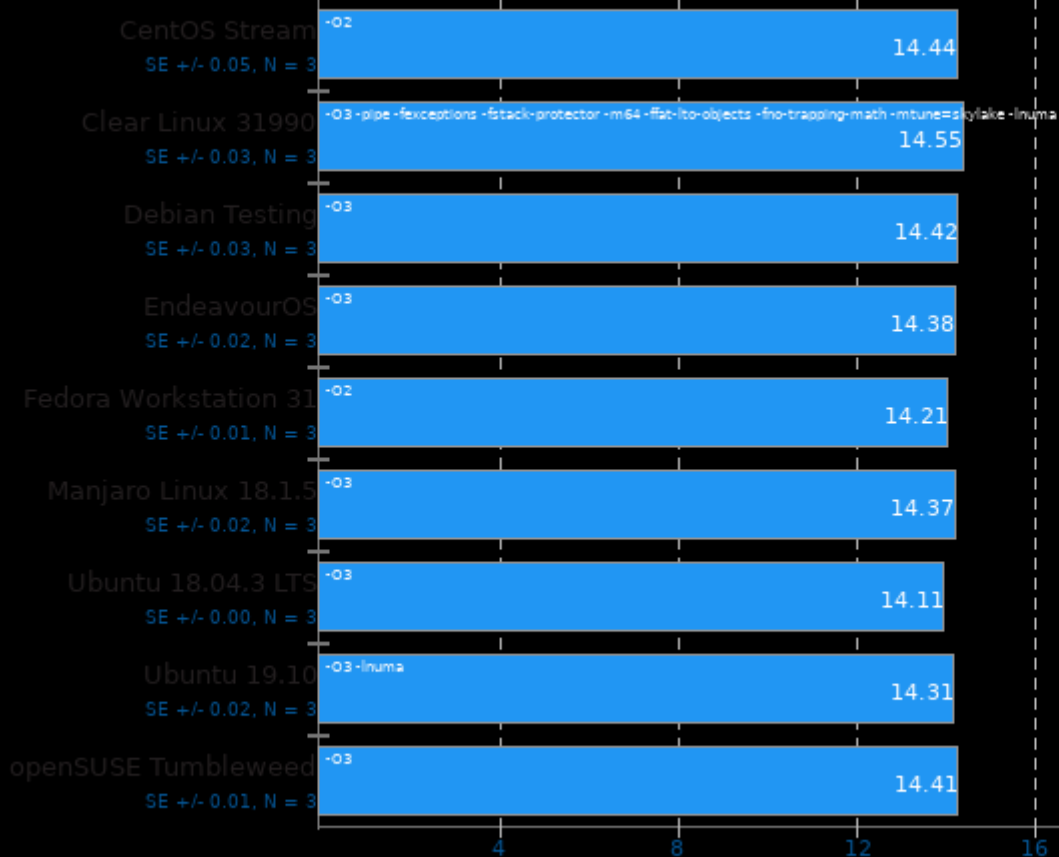
Resolution: 1920 x 1080 - Effects Quality: Low



## x265 3.1.2

H.265 1080p Video Encoding

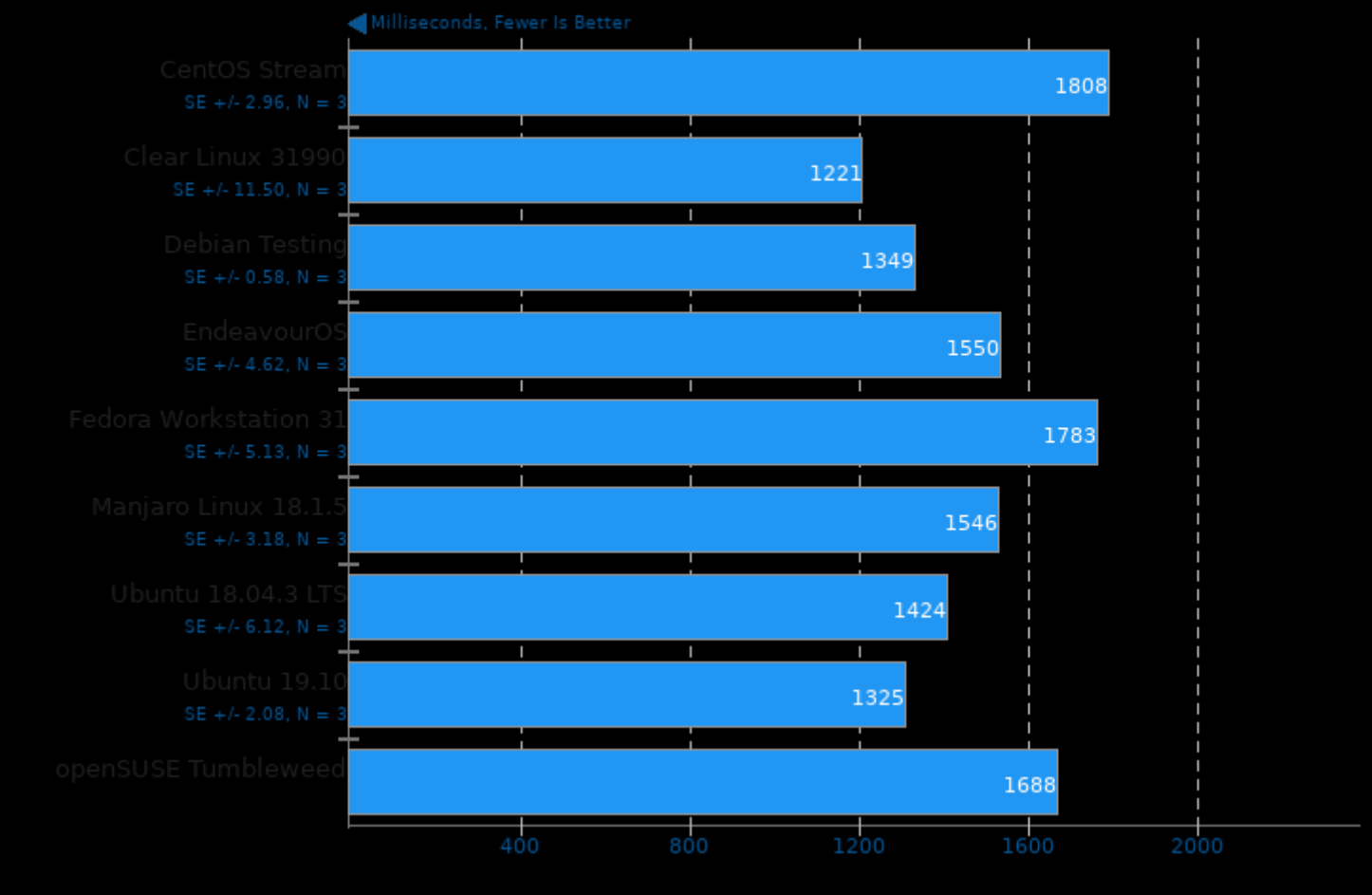
► Frames Per Second, More Is Better



1. (CXX) g++ options: -rdynamic -lpthread -lrt -ldl

PyBench 2018-02-16

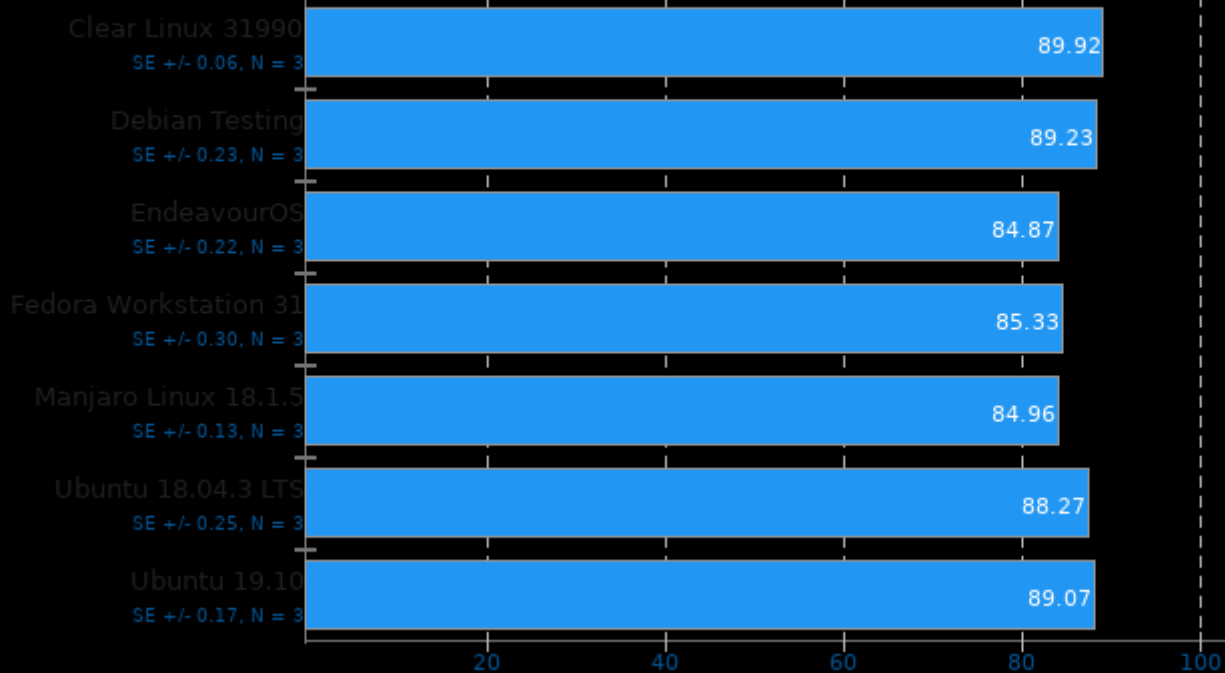
Total For Average Test Times



Tesseract 2014-05-12

Resolution: 1920 x 1080

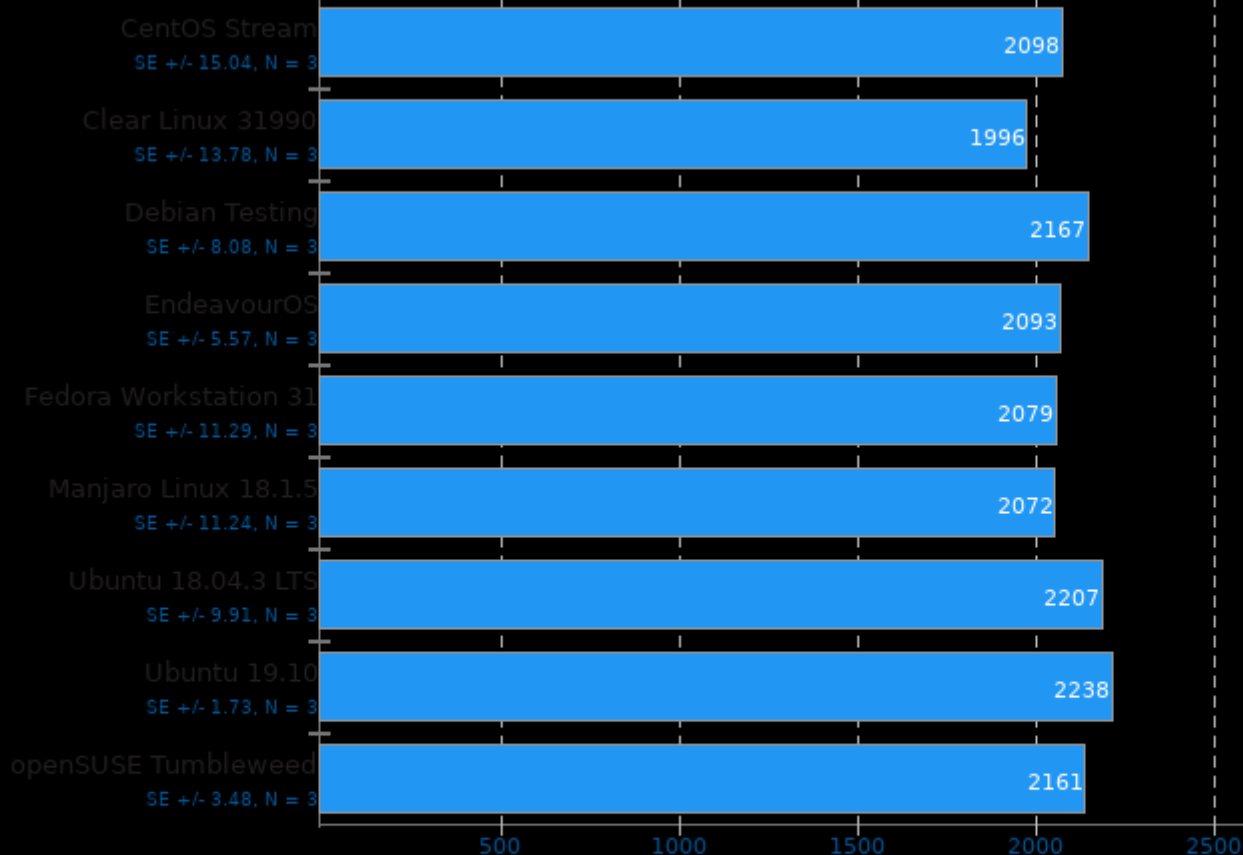
► Frames Per Second, More Is Better



## Selenium

Benchmark: PSPDFKit WASM - Browser: Firefox

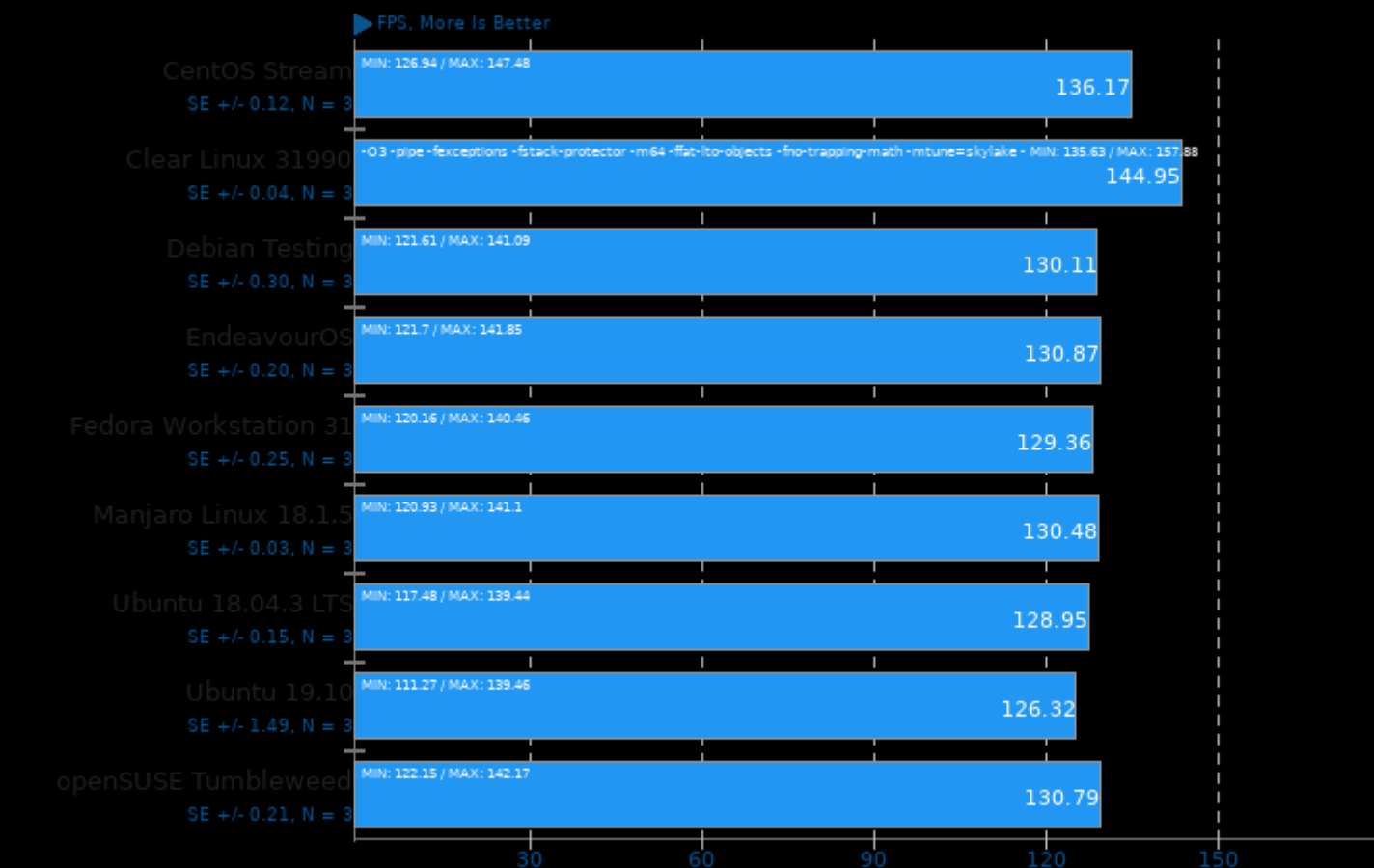
Score, Fewer Is Better



1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

dav1d 0.5.0

Video Input: Summer Nature 1080p



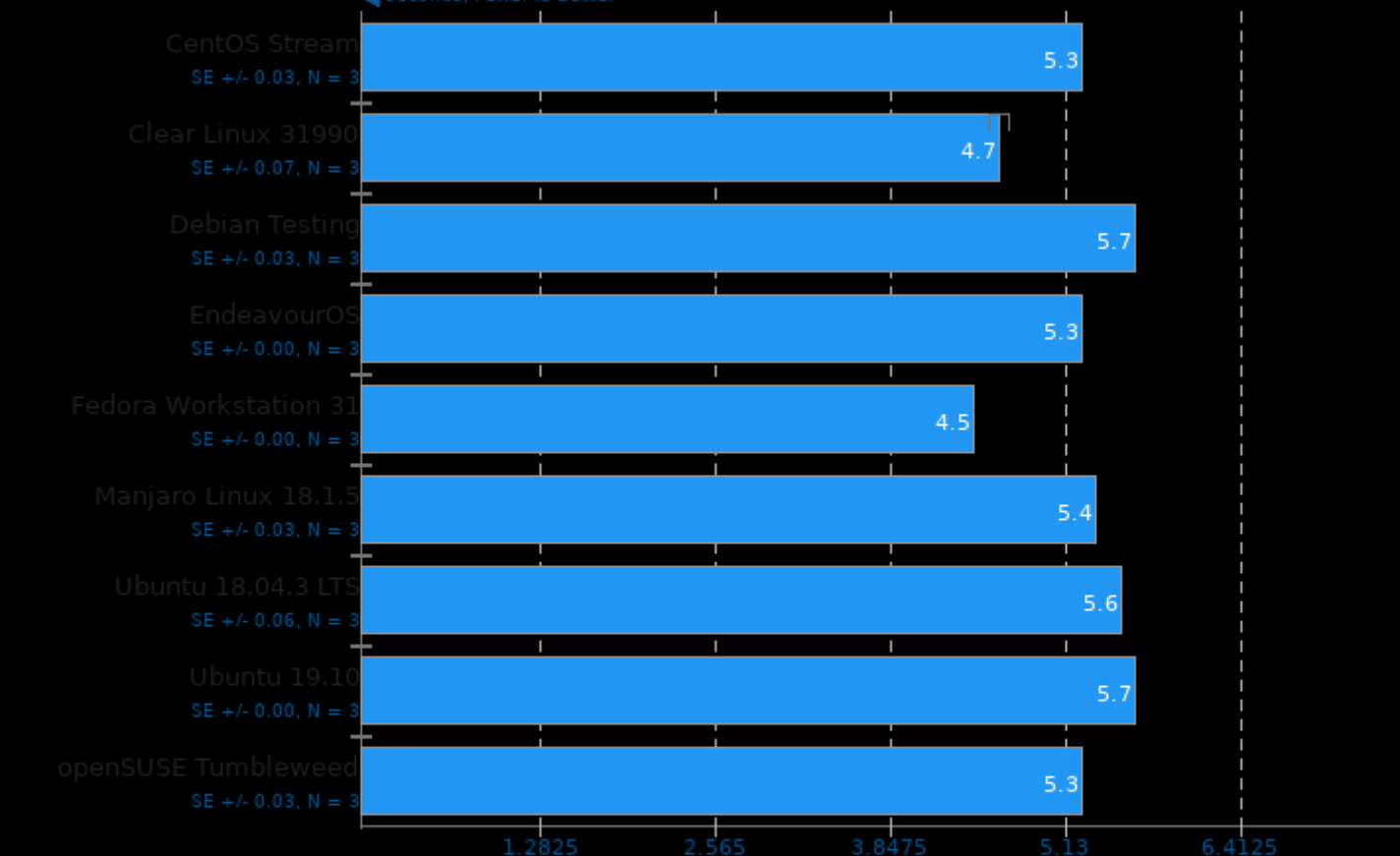
1. (CC) gcc options: -pthread



## Selenium

Benchmark: Maze Solver - Browser: Firefox

◀ Seconds, Fewer Is Better

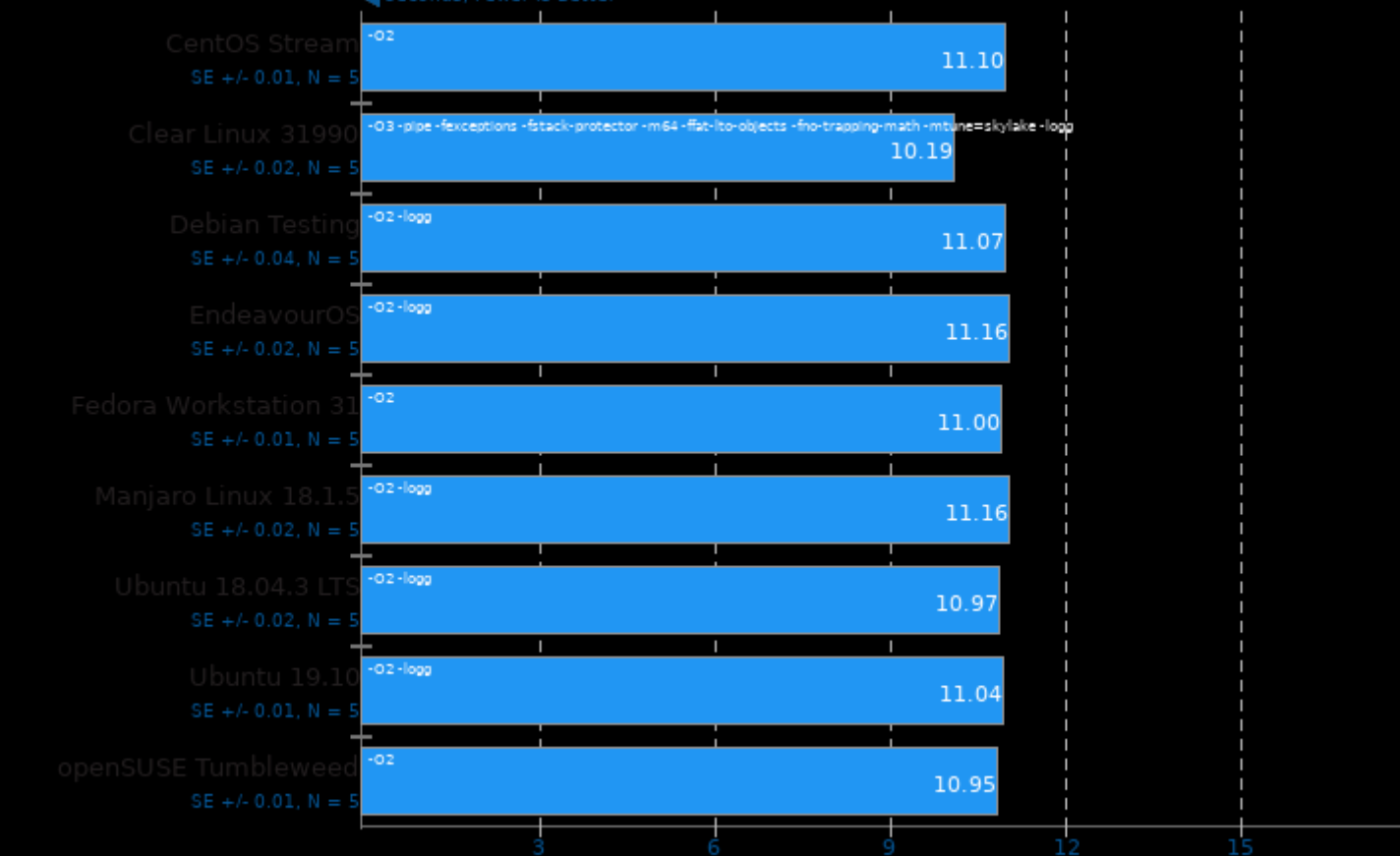


1. CentOS Stream: firefox 68.2.0
2. Clear Linux 31990: firefox 71.0
3. Debian Testing: firefox 68.3.0
4. EndeavourOS: firefox 71.0
5. Fedora Workstation 31: firefox 71.0
6. Manjaro Linux 18.1.5: firefox 71.0
7. Ubuntu 18.04.3 LTS: firefox 71.0
8. Ubuntu 19.10: firefox 71.0
9. openSUSE Tumbleweed: firefox 70.0.1

## FLAC Audio Encoding 1.3.2

WAV To FLAC

Seconds, Fewer Is Better

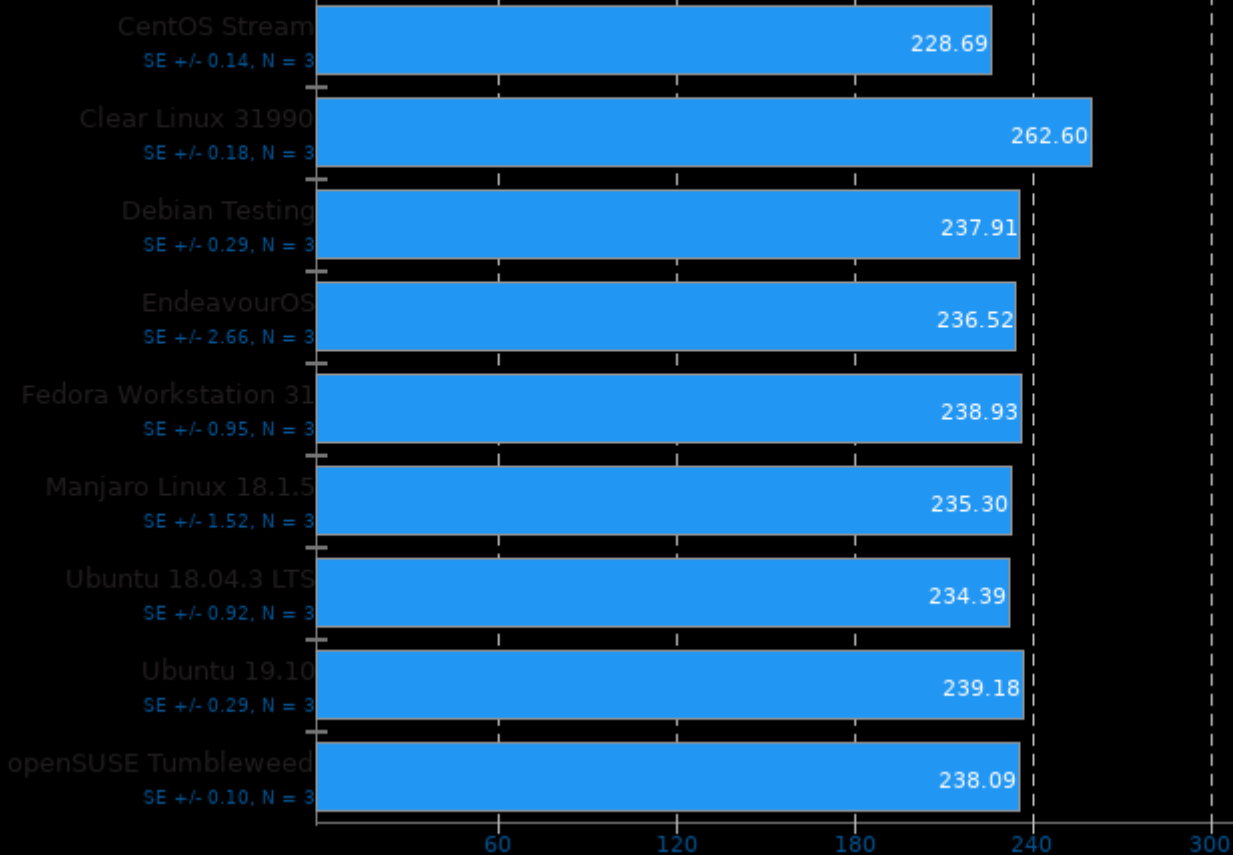


1. (CXX) g++ options: -fvisibility=hidden -lm

## ParaView 5.4.1

Test: Wavelet Contour - Resolution: 1920 x 1080

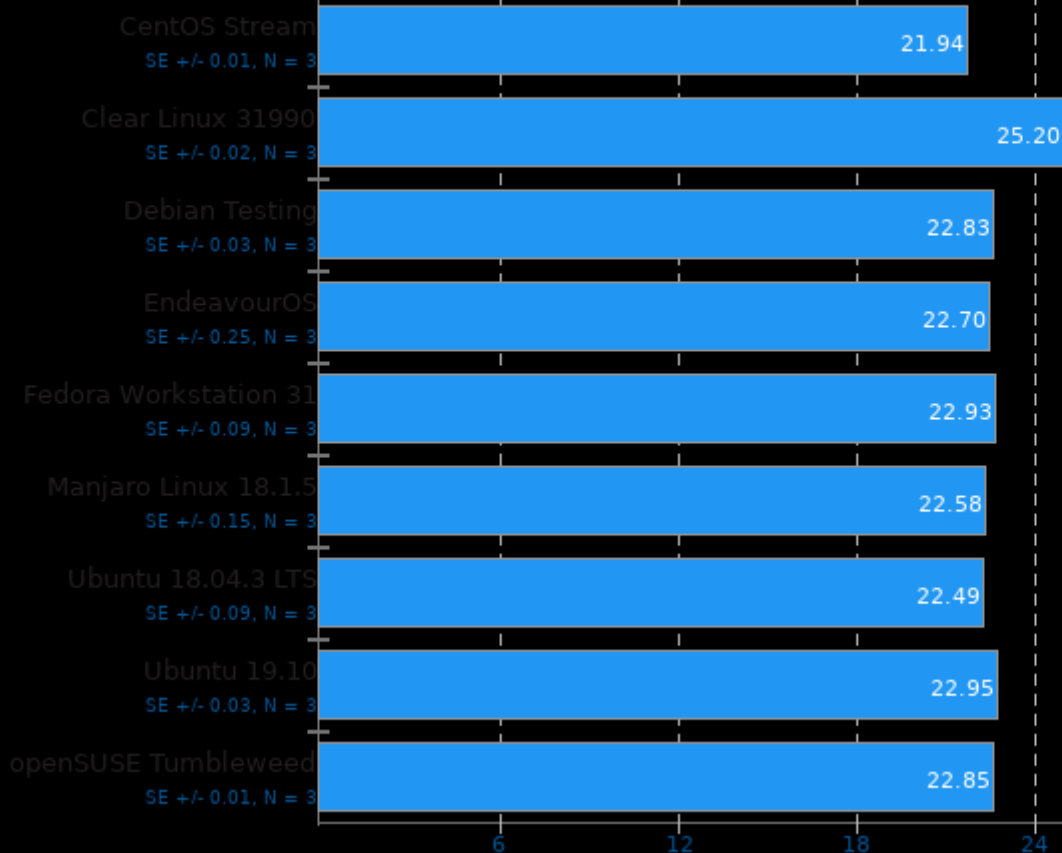
► MiPolys / Sec, More Is Better



## ParaView 5.4.1

Test: Wavelet Contour - Resolution: 1920 x 1080

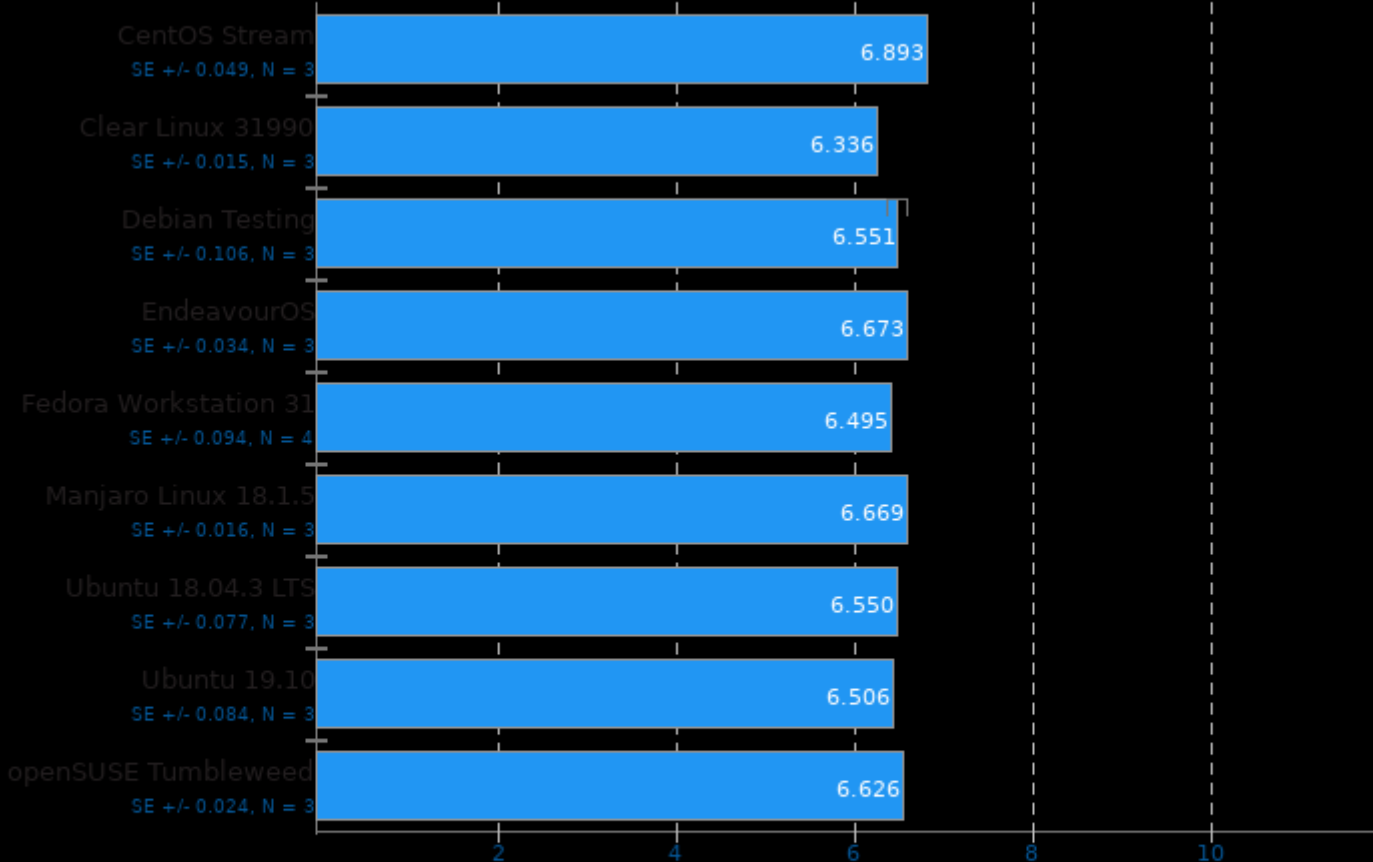
► Frames / Sec, More Is Better



## Git

Time To Complete Common Git Commands

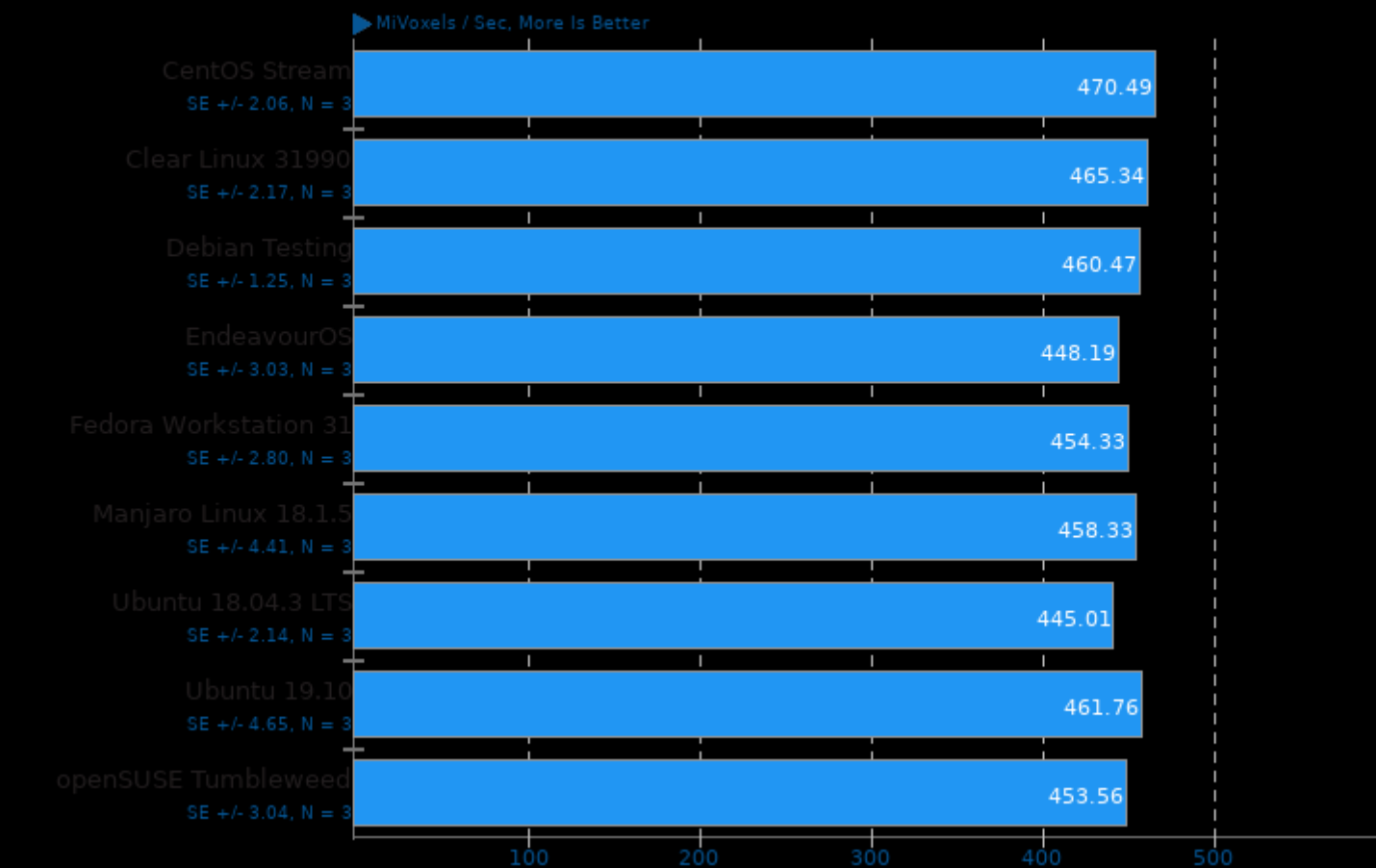
◀ Seconds, Fewer Is Better



1. CentOS Stream: git version 2.18.1
2. Clear Linux 31990: git version 2.24.1
3. Debian Testing: git version 2.24.1
4. EndeavourOS: git version 2.24.1
5. Fedora Workstation 31: git version 2.24.1
6. Manjaro Linux 18.1.5: git version 2.24.1
7. Ubuntu 18.04.3 LTS: git version 2.17.1
8. Ubuntu 19.10: git version 2.20.1
9. openSUSE Tumbleweed: git version 2.24.1

## ParaView 5.4.1

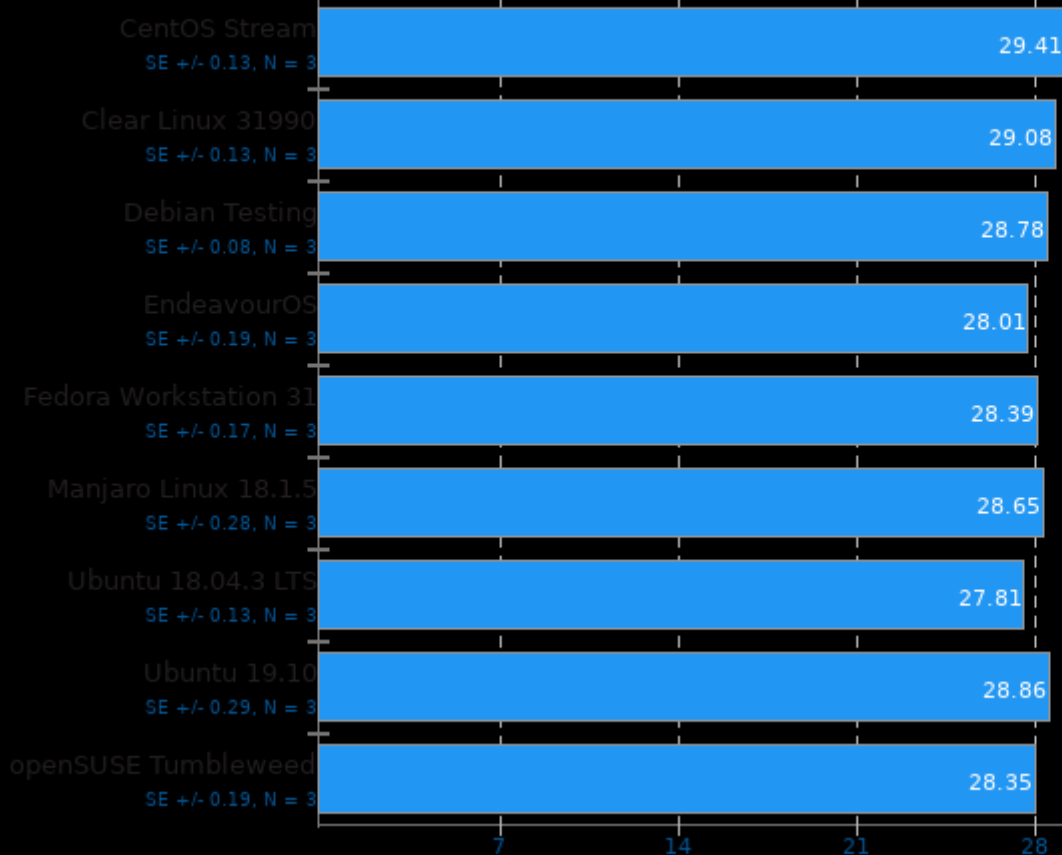
Test: Wavelet Volume - Resolution: 1920 x 1080

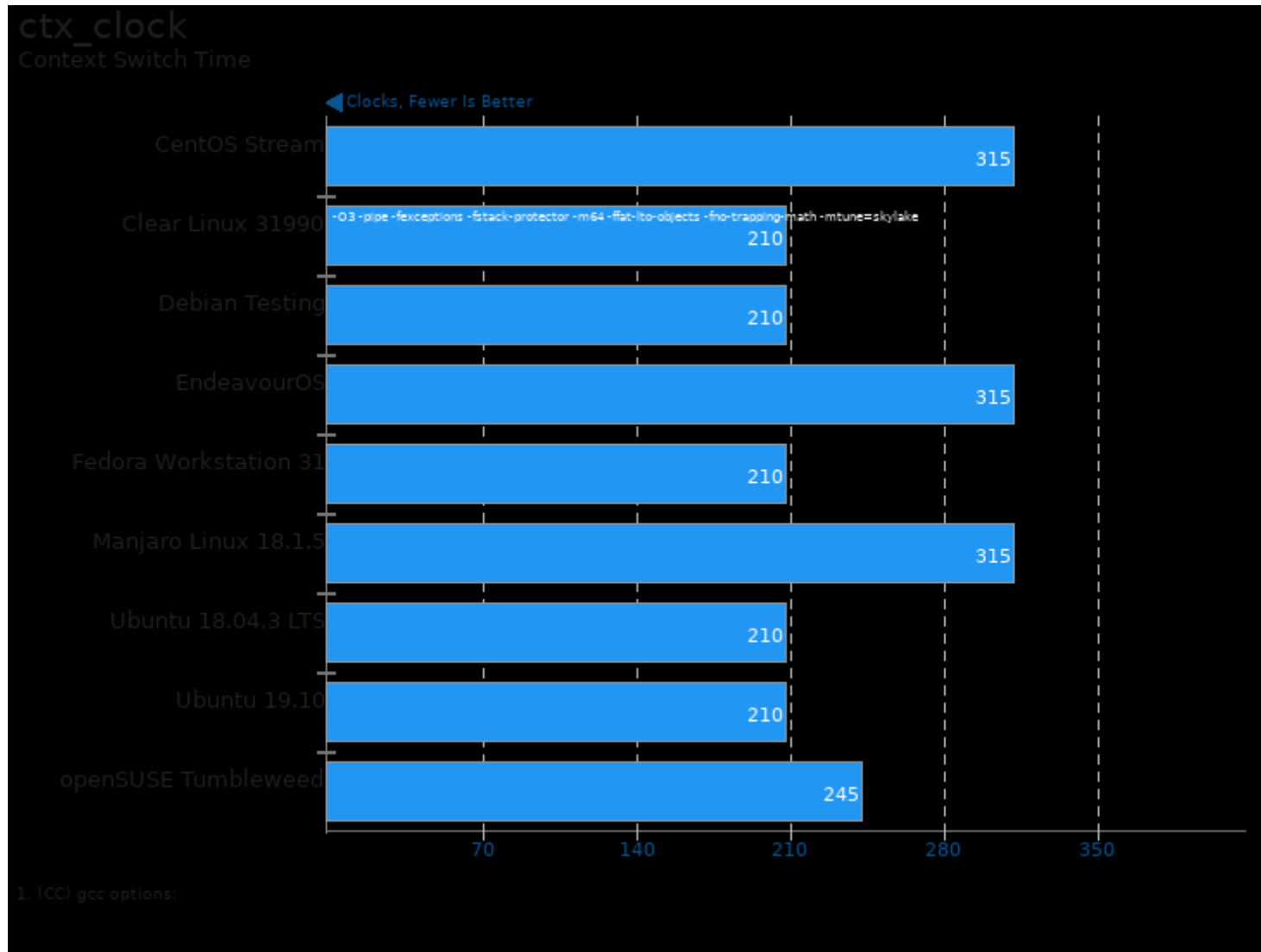


## ParaView 5.4.1

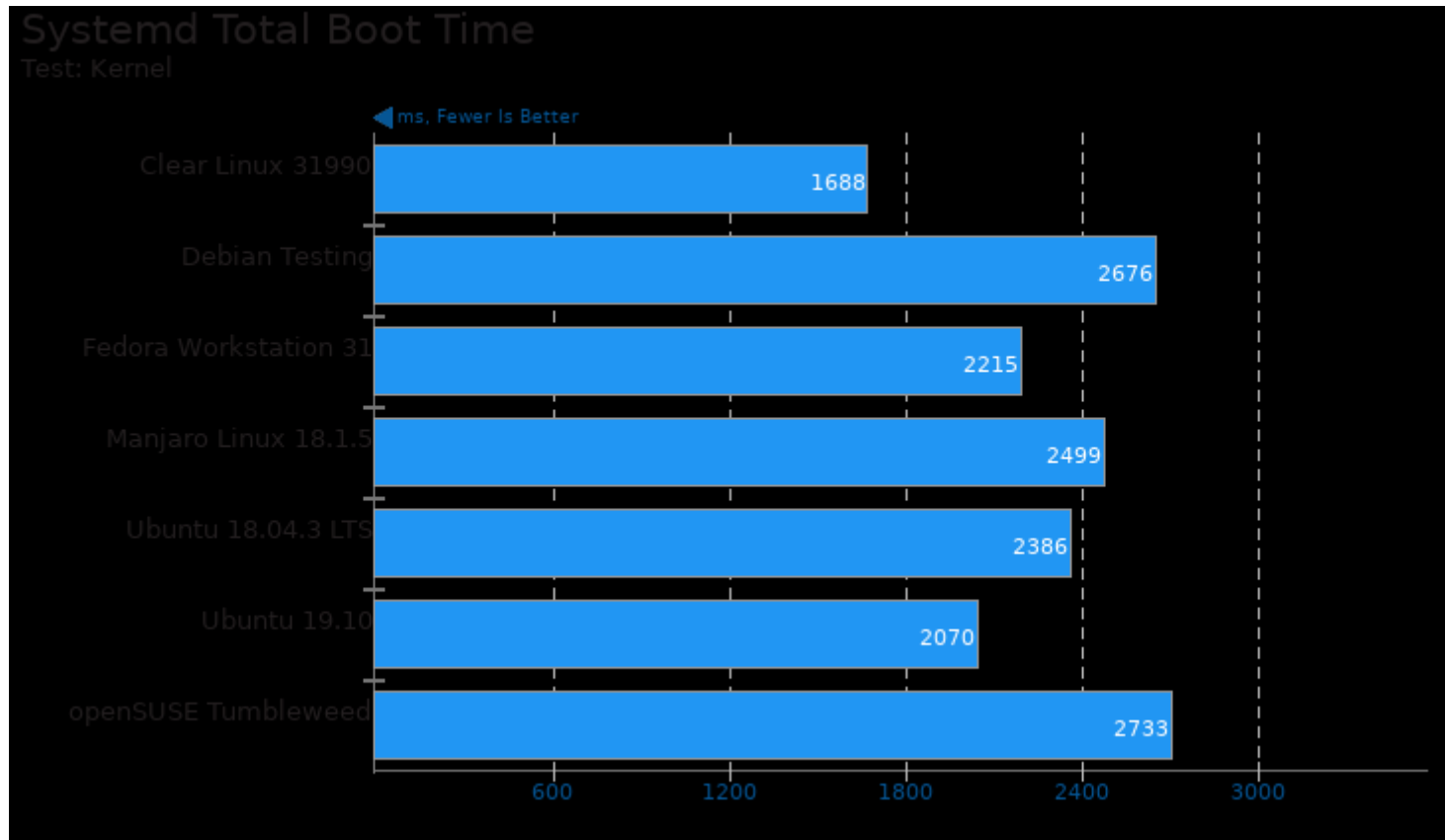
Test: Wavelet Volume - Resolution: 1920 x 1080

► Frames / Sec, More Is Better

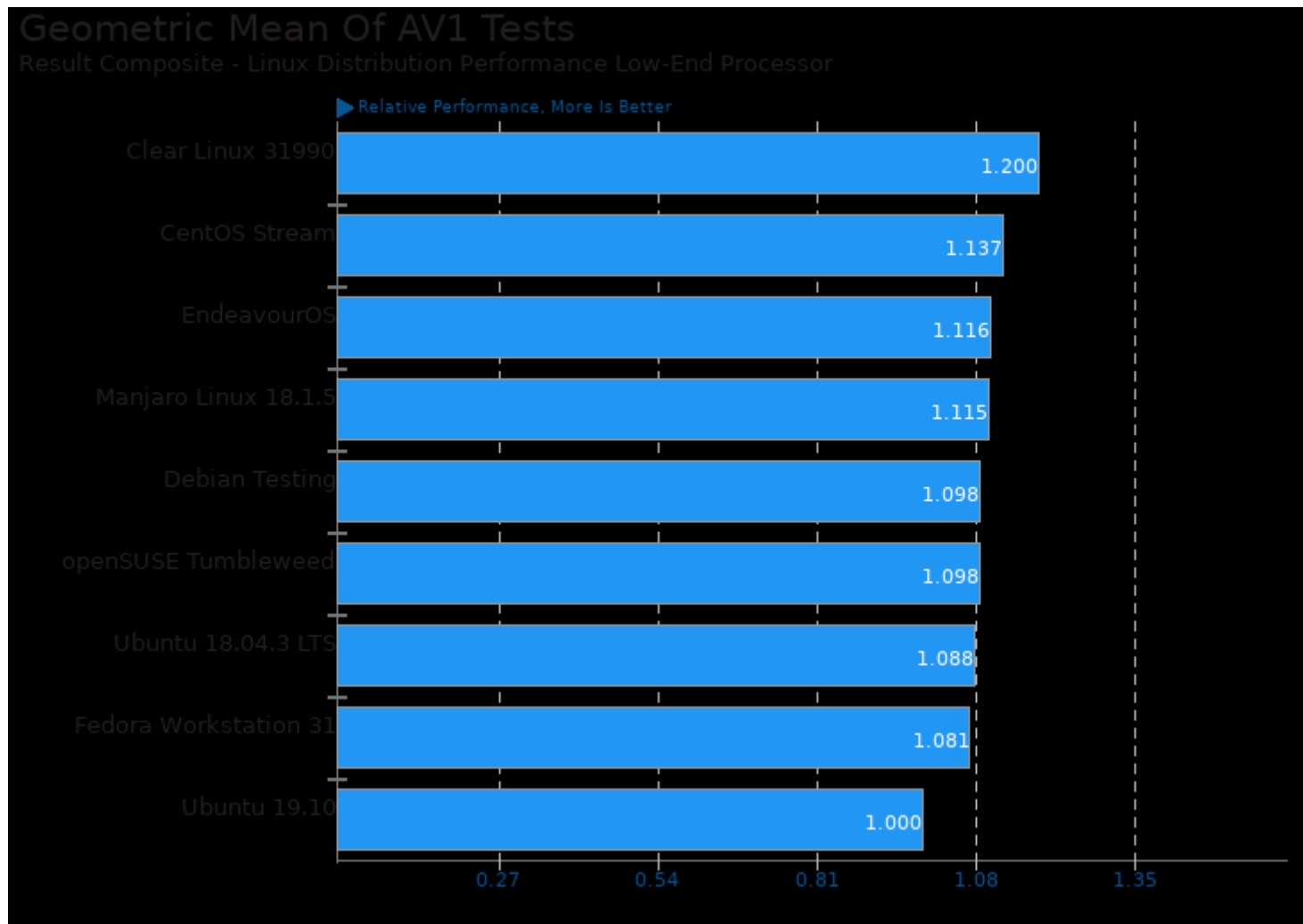




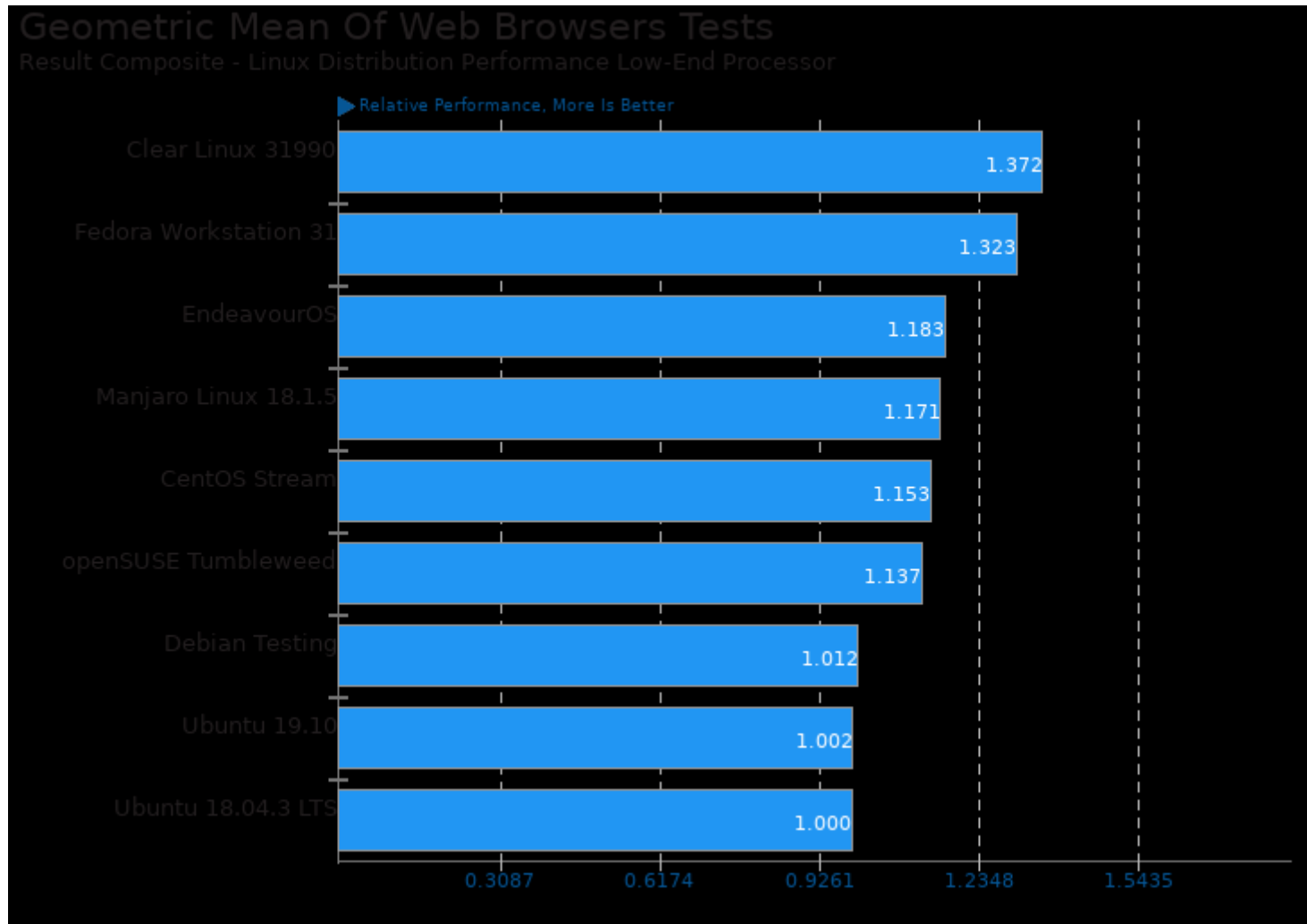




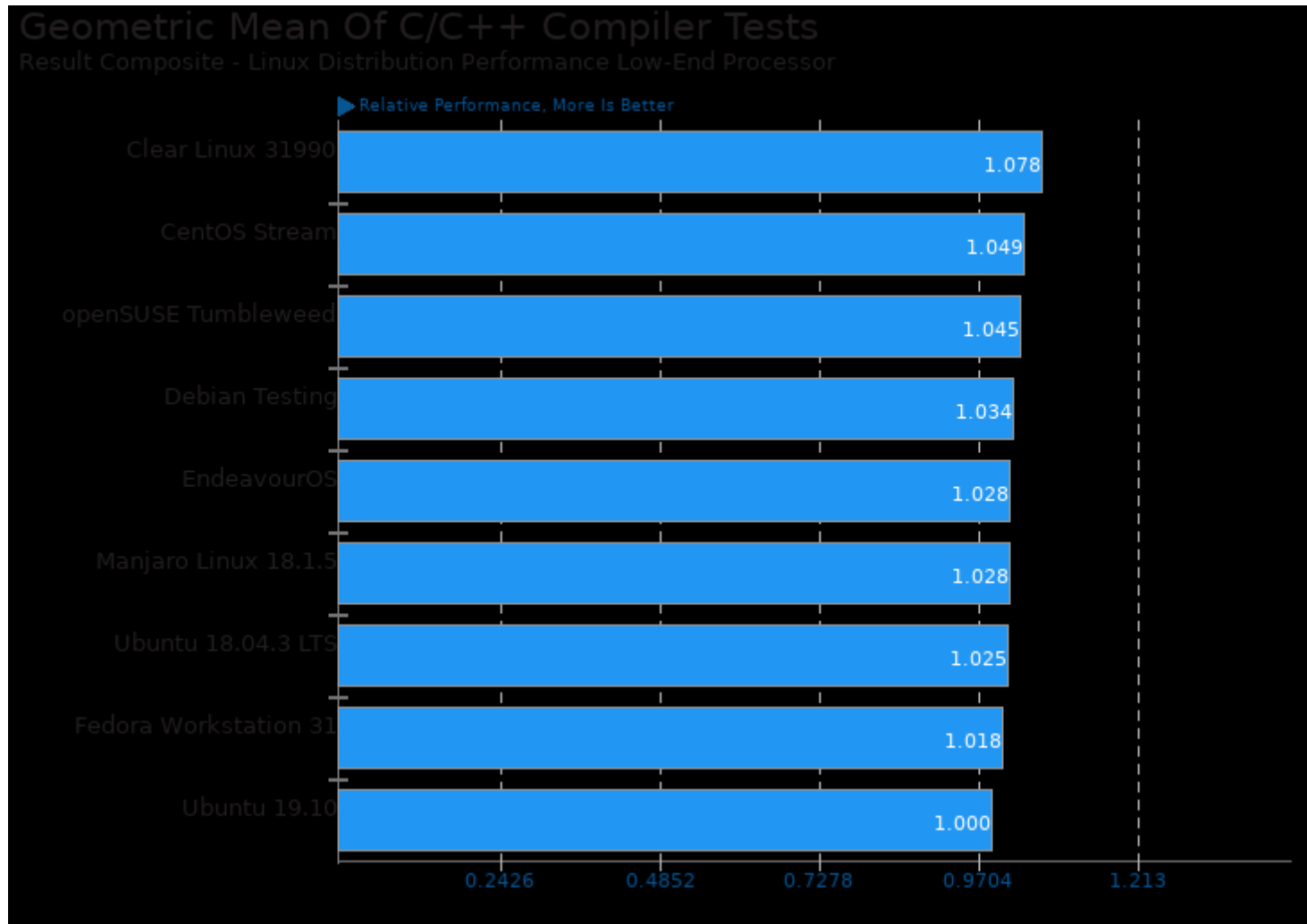
These geometric means are based upon test groupings / test suites for this result file.



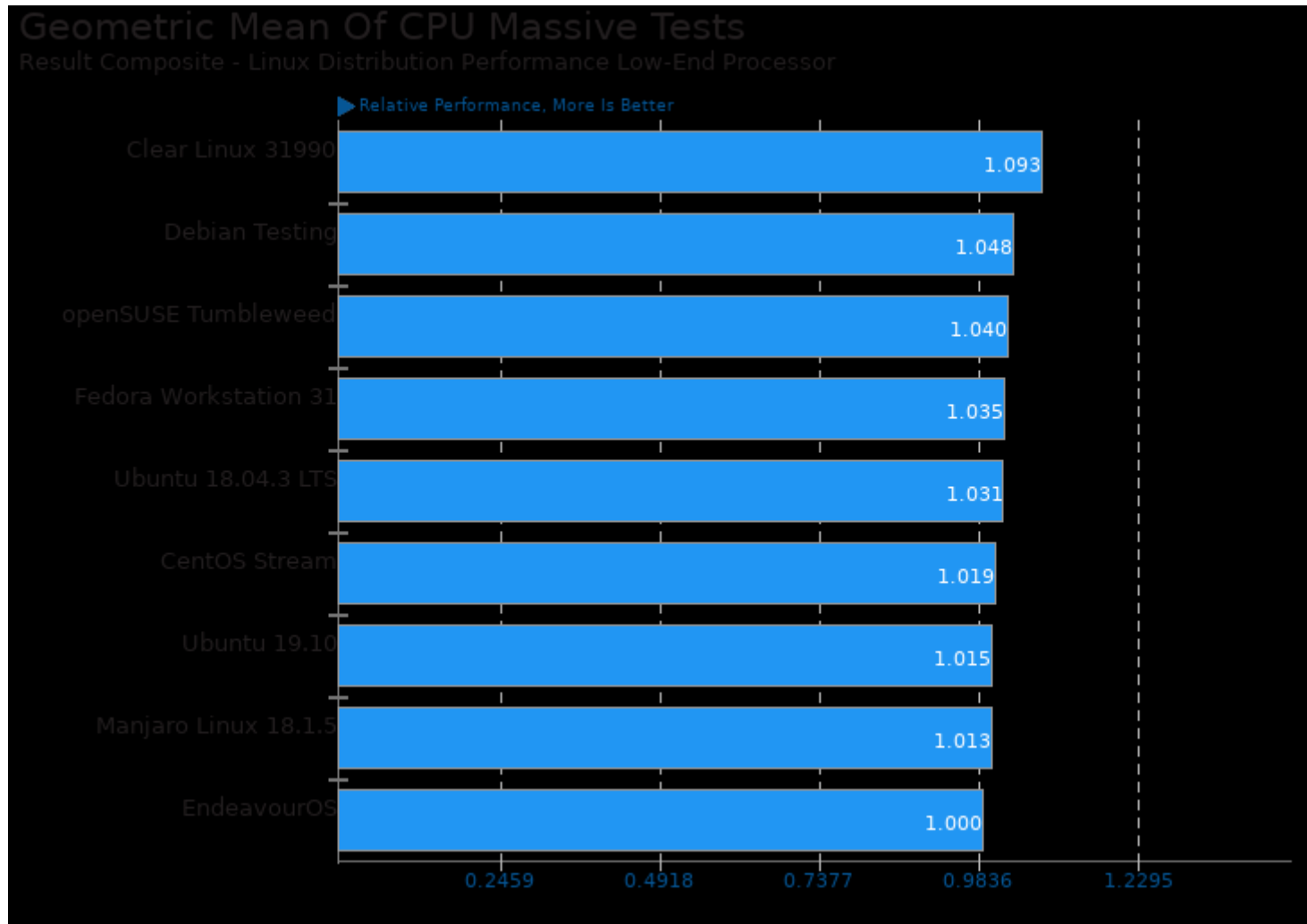
Geometric mean based upon tests: pts/dav1d and pts/svt-av1



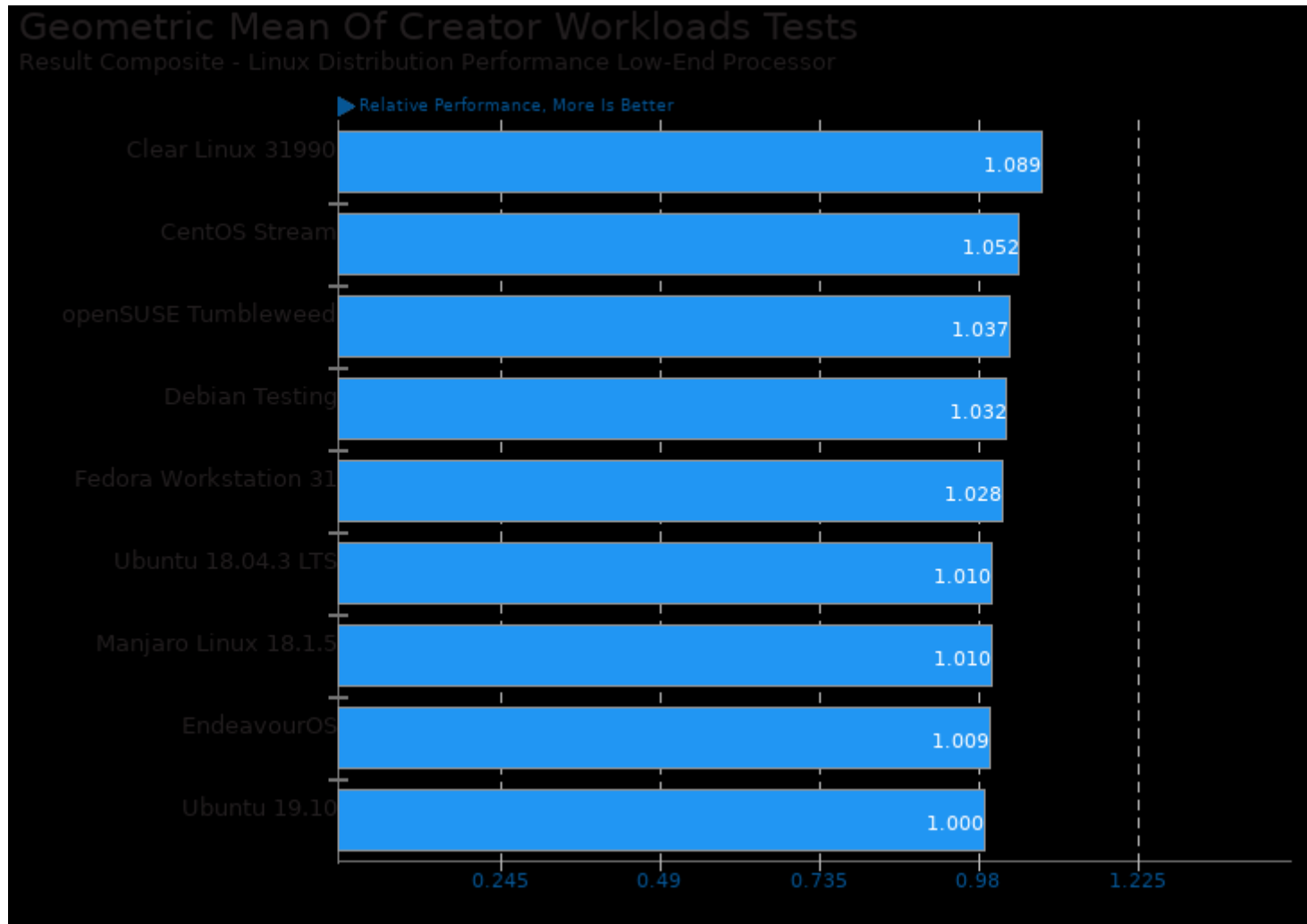
Geometric mean based upon tests: system/selenium



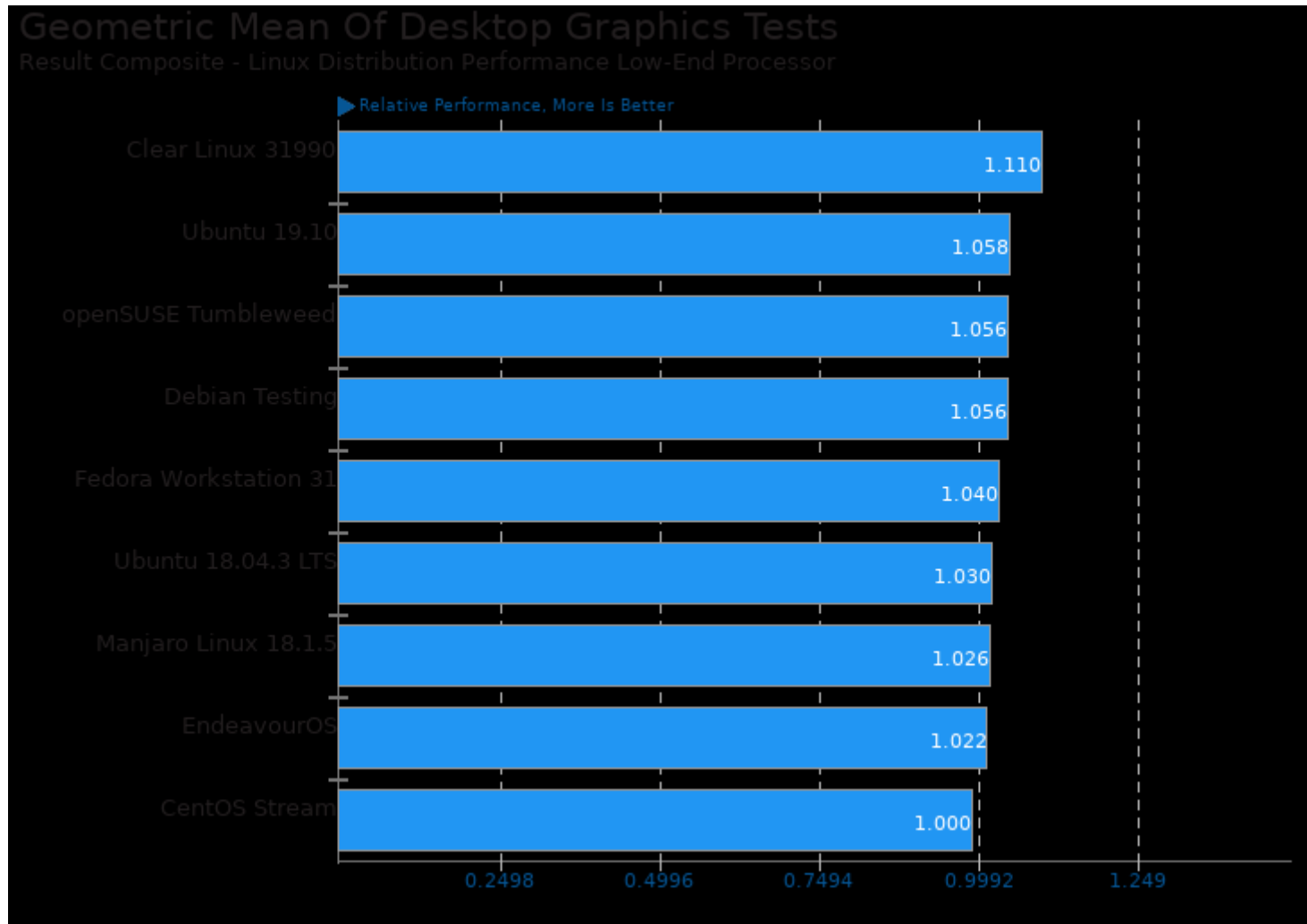
Geometric mean based upon tests: pts/himeno, pts/stockfish, pts/encode-flac, pts/dav1d, pts/x265, pts/compress-zstd and pts/svt-av1



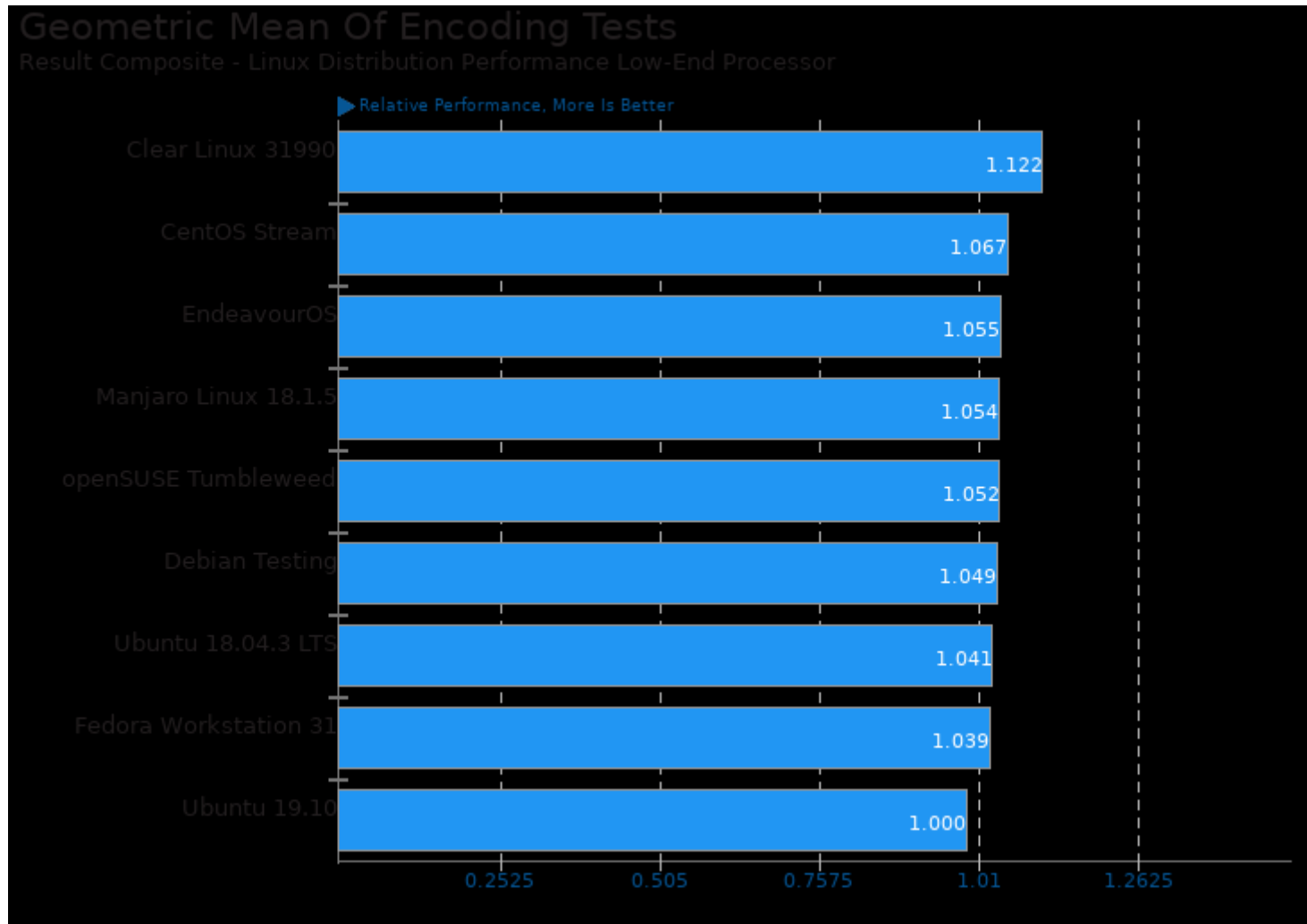
Geometric mean based upon tests: pts/compress-zstd, pts/ctx-clock, pts/dav1d, pts/svt-av1, pts/x265, pts/encode-flac, pts/himeno, pts/java-scimark2, pts/stockfish and pts/ttsiod-renderer



Geometric mean based upon tests: pts/smallpt, pts/ttsiod-renderer, pts/x265, pts/dav1d, pts/svt-av1, pts/encode-flac and pts/deepspeech

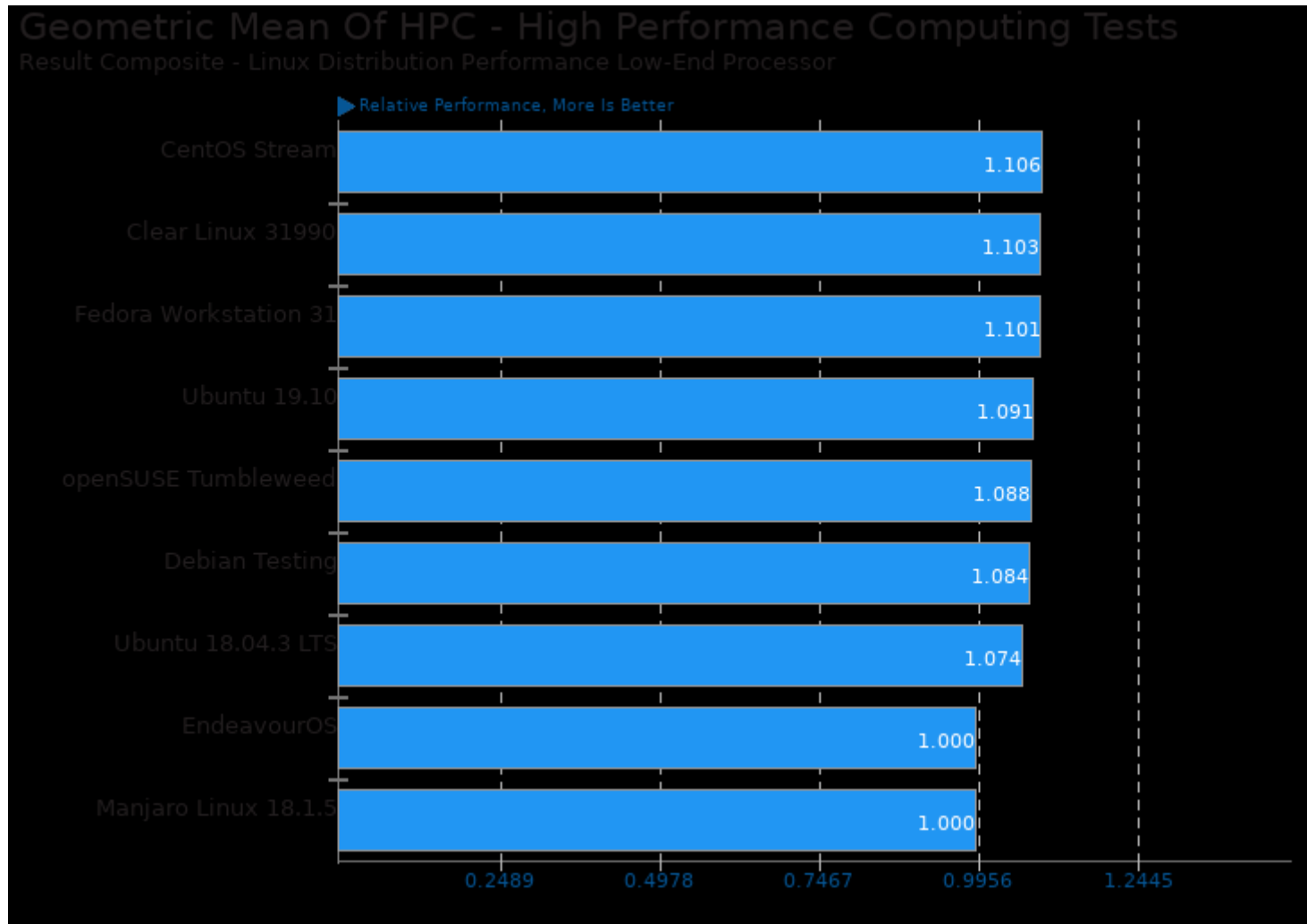


Geometric mean based upon tests: pts/xonotic, pts/tesseract and pts/paraview

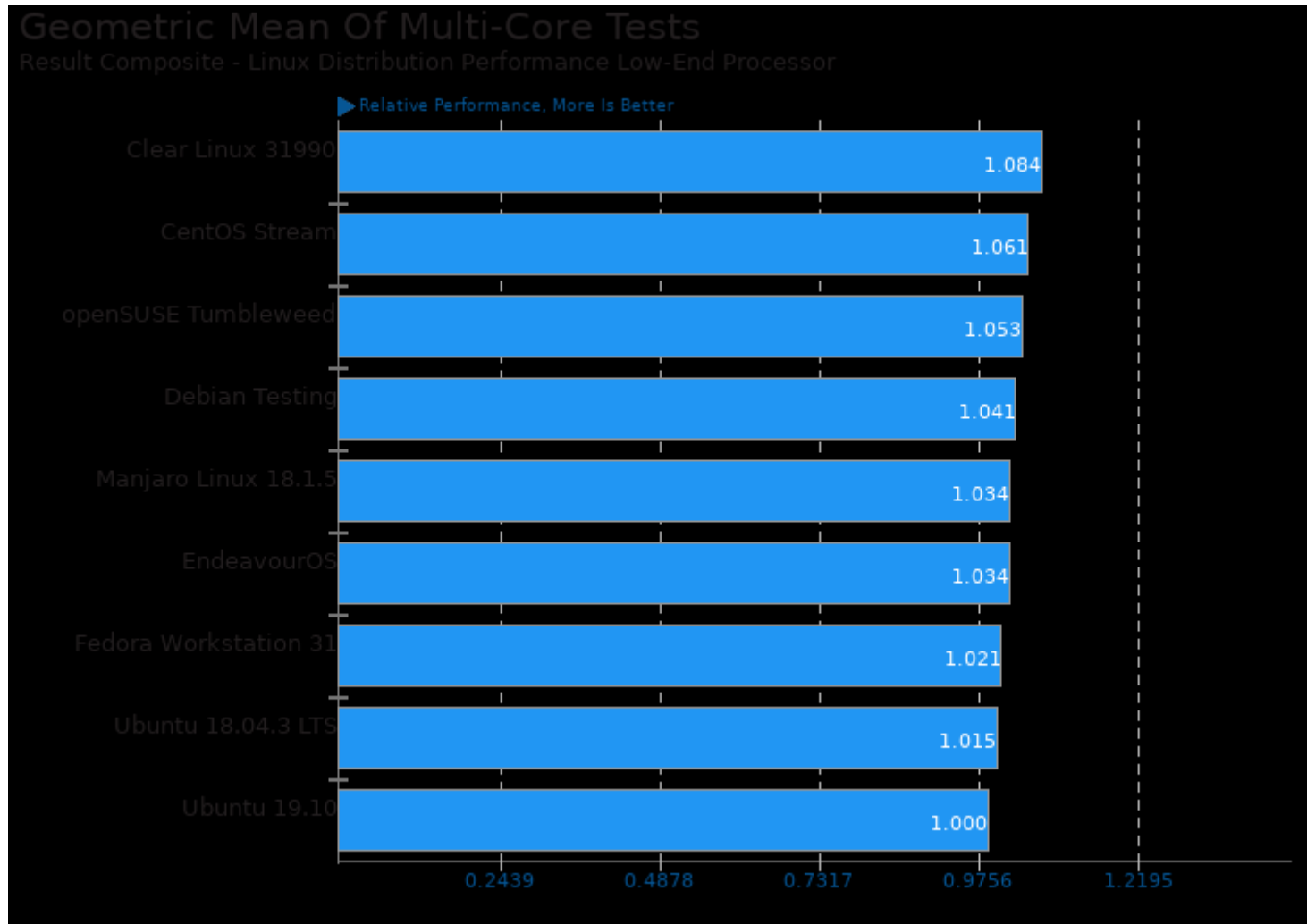


Geometric mean based upon tests: pts/encode-flac, pts/x265, pts/dav1d and pts/svt-av1

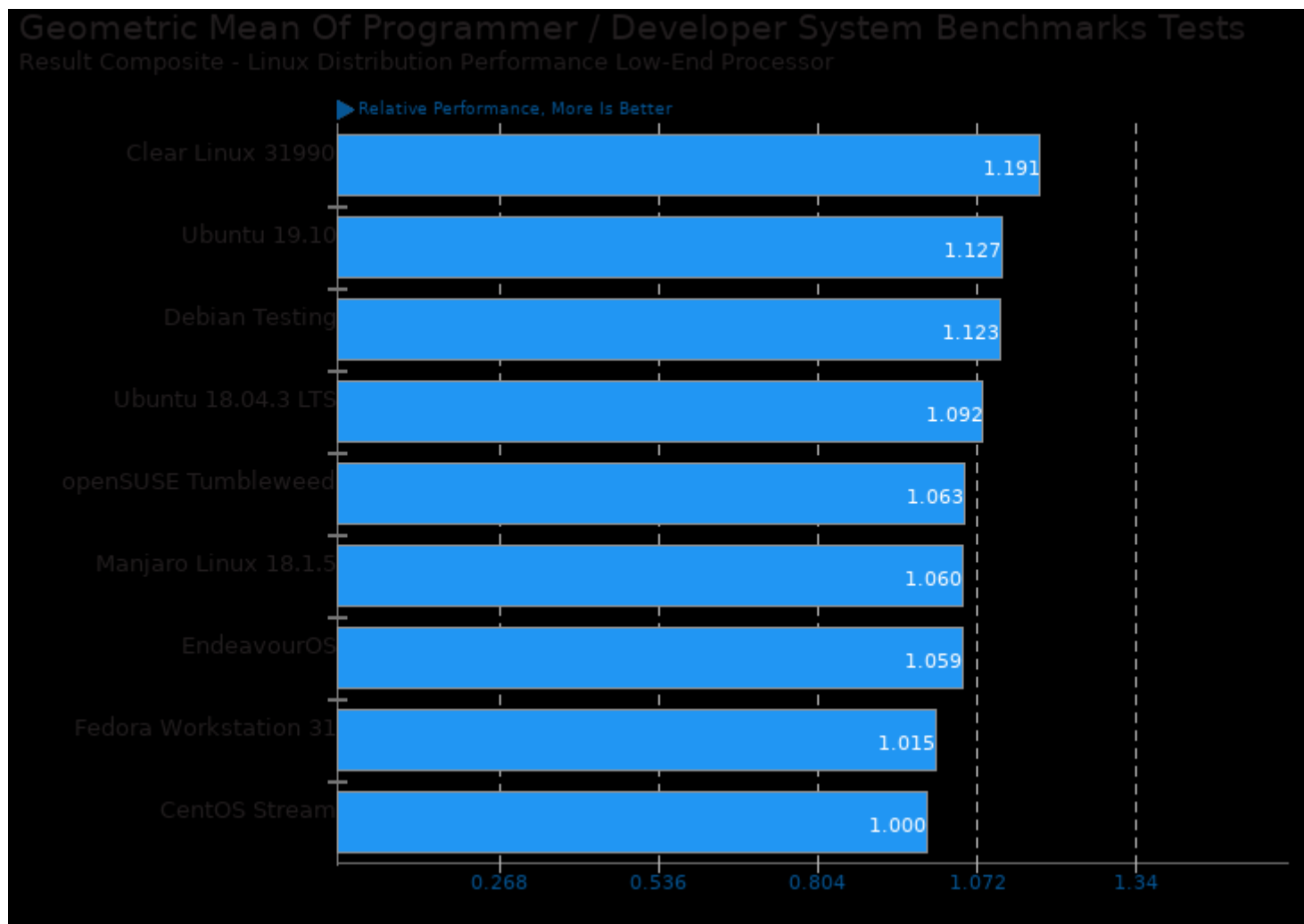




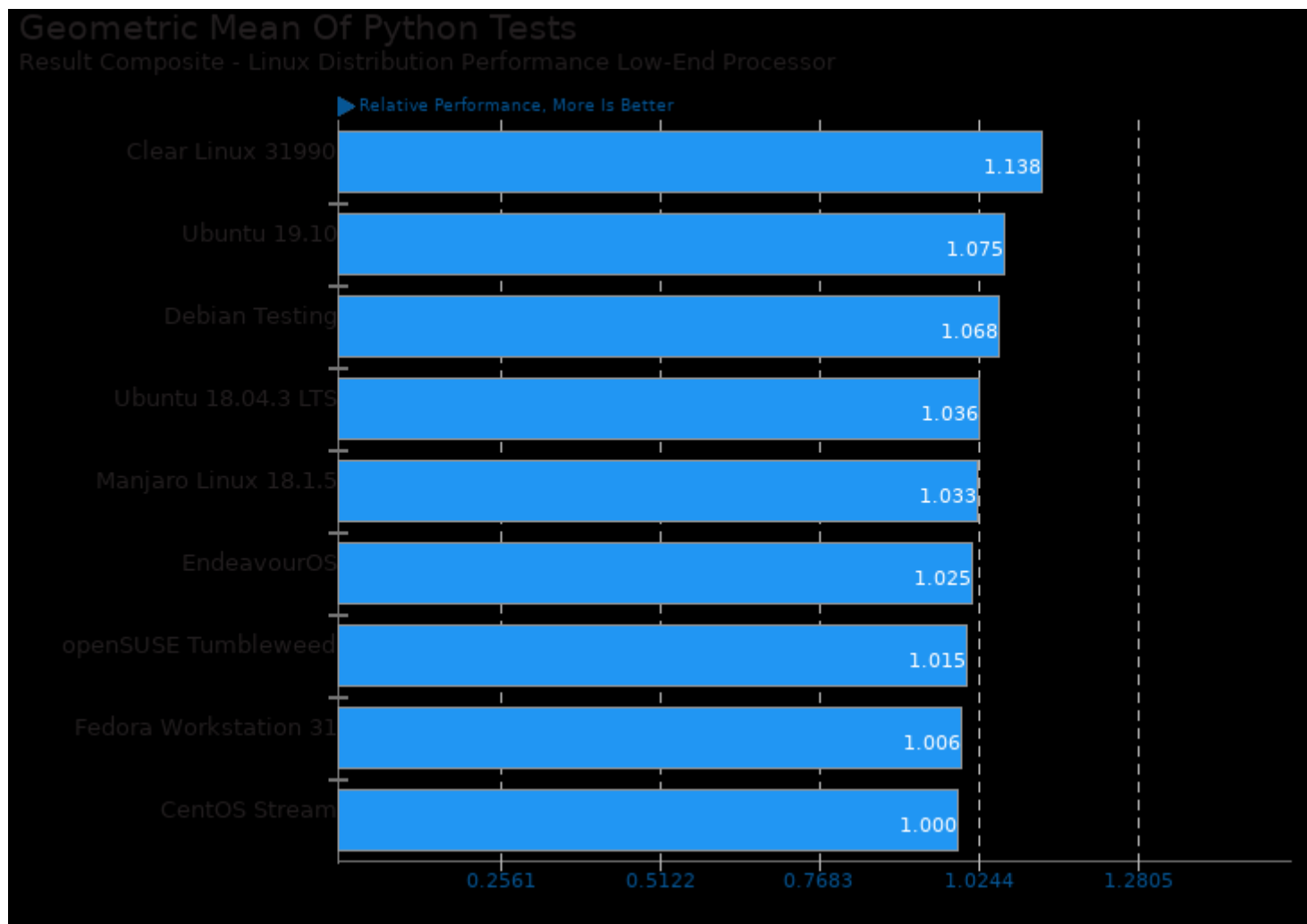
Geometric mean based upon tests: pts/himeno and pts/deepspeech



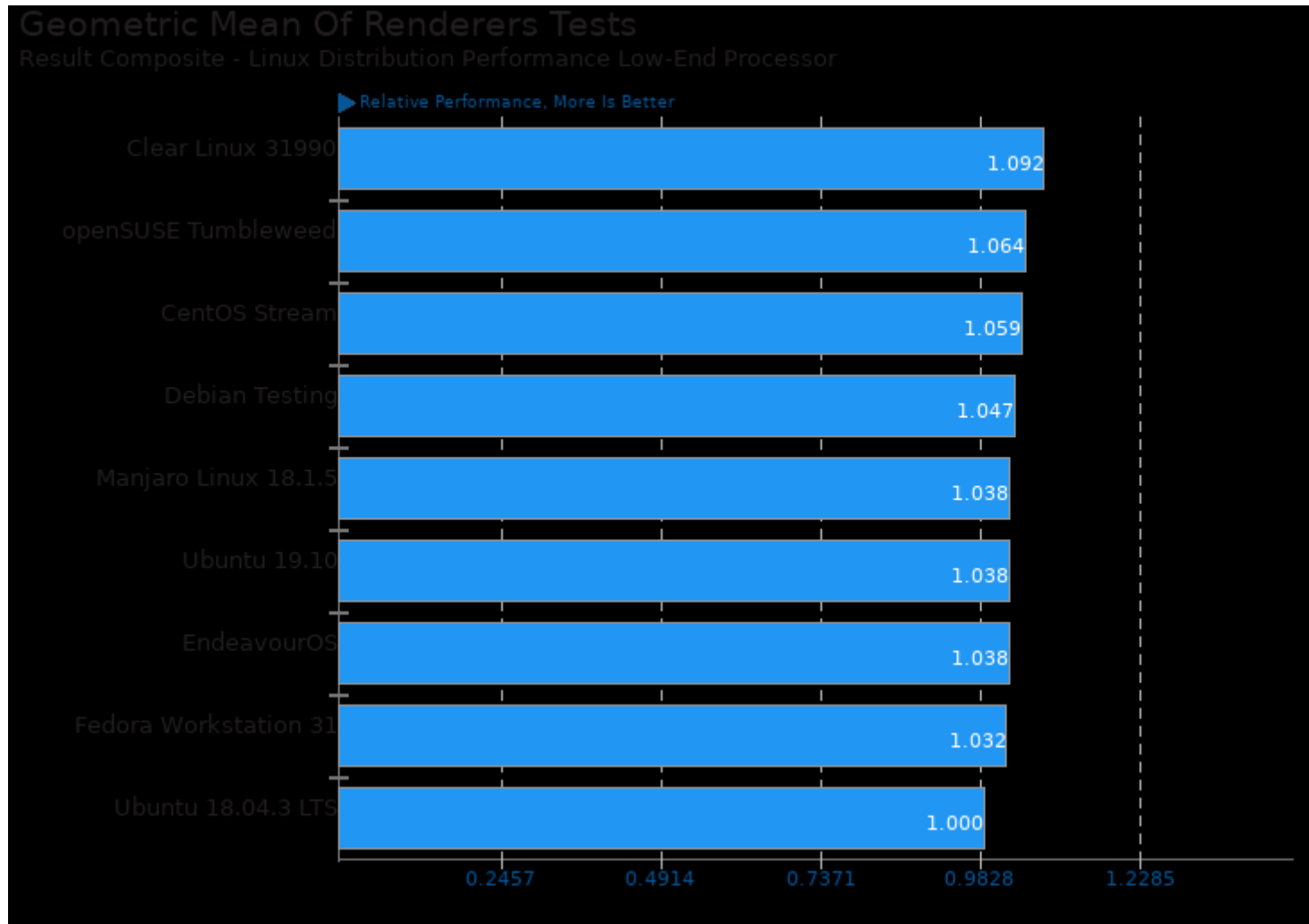
Geometric mean based upon tests: pts/stockfish, pts/x265, pts/dav1d, pts/svt-av1, pts/smallpt, pts/compress-zstd and pts/ttsiod-renderer



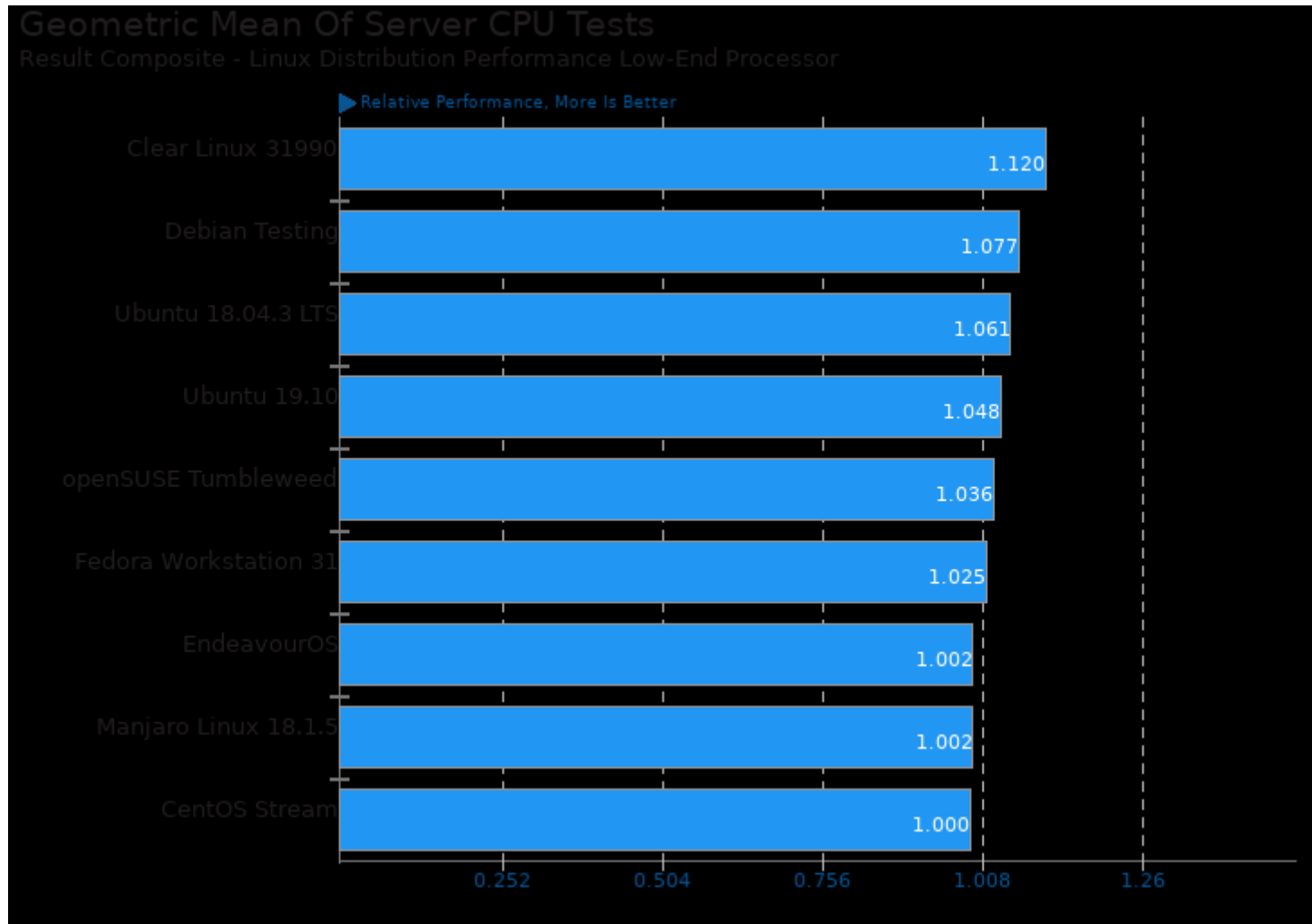
Geometric mean based upon tests: pts/git, pts/compress-zstd and pts/pybench



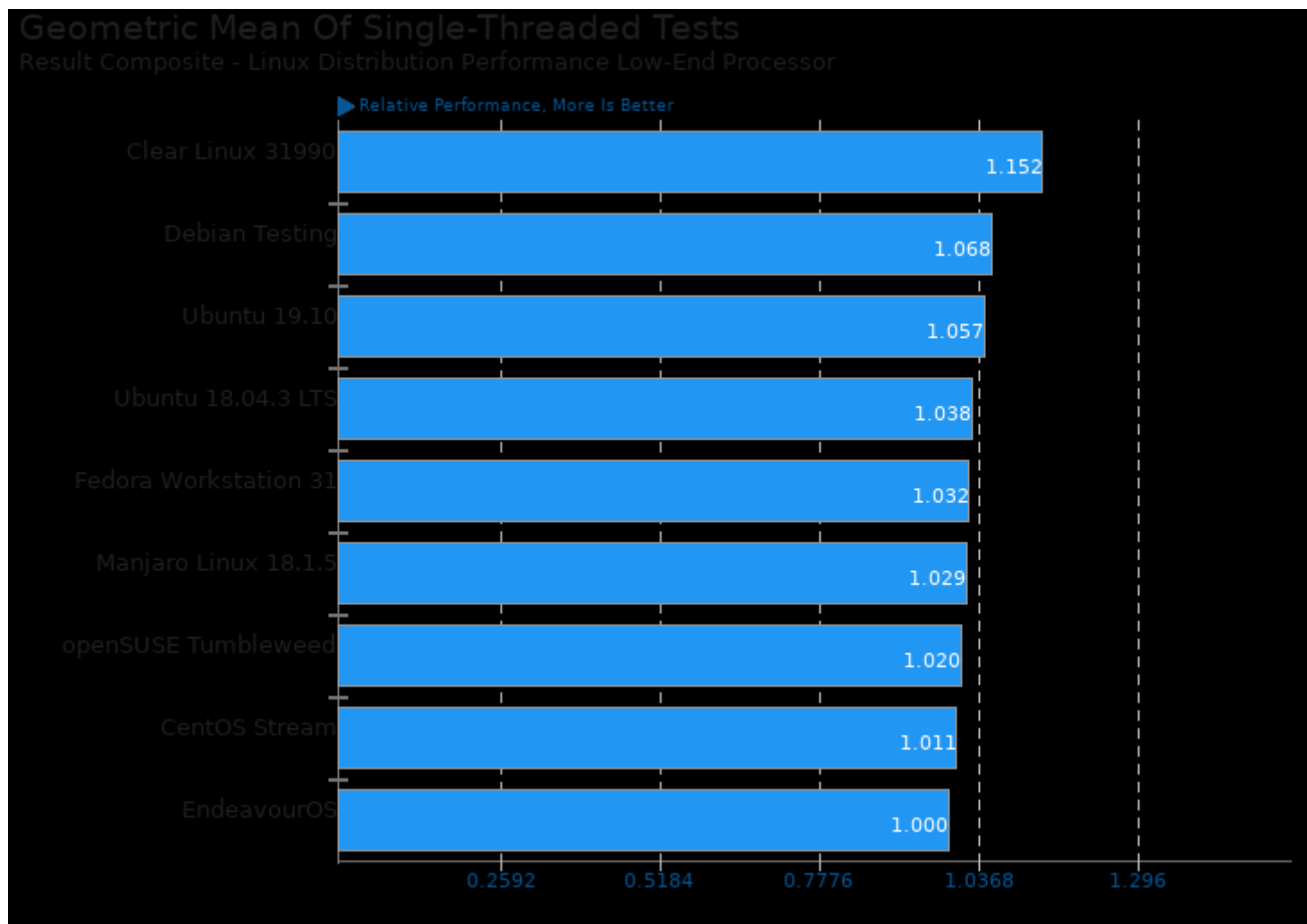
Geometric mean based upon tests: pts/pybench, pts/paraview and pts/systemd-boot-total



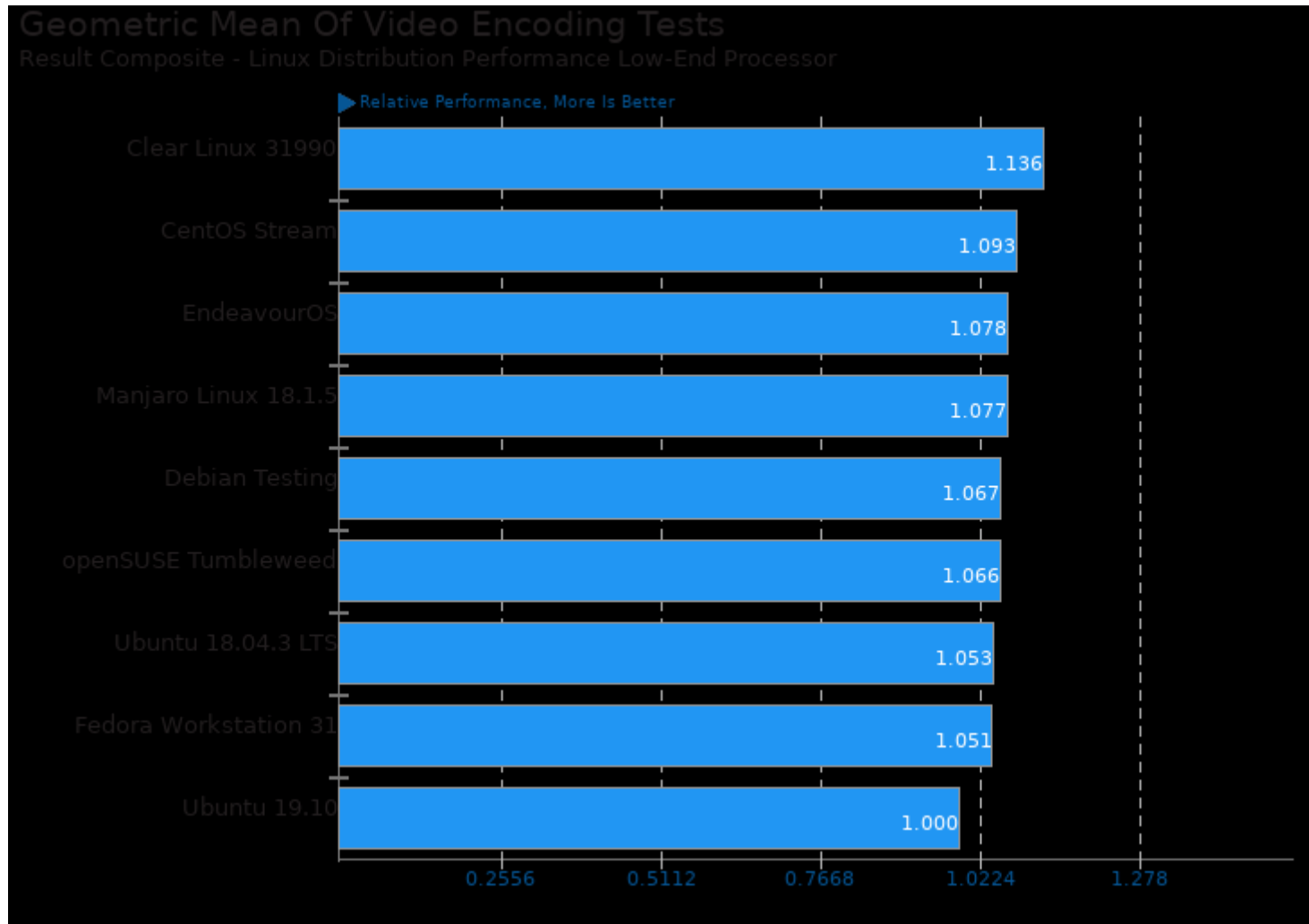
Geometric mean based upon tests: pts/smallpt and pts/ttsiod-renderer



Geometric mean based upon tests: pts/svt-av1, pts/x265, pts/dav1d, pts/himeno, pts/stockfish, pts/compress-zstd, pts/ctx-clock and pts/pybench

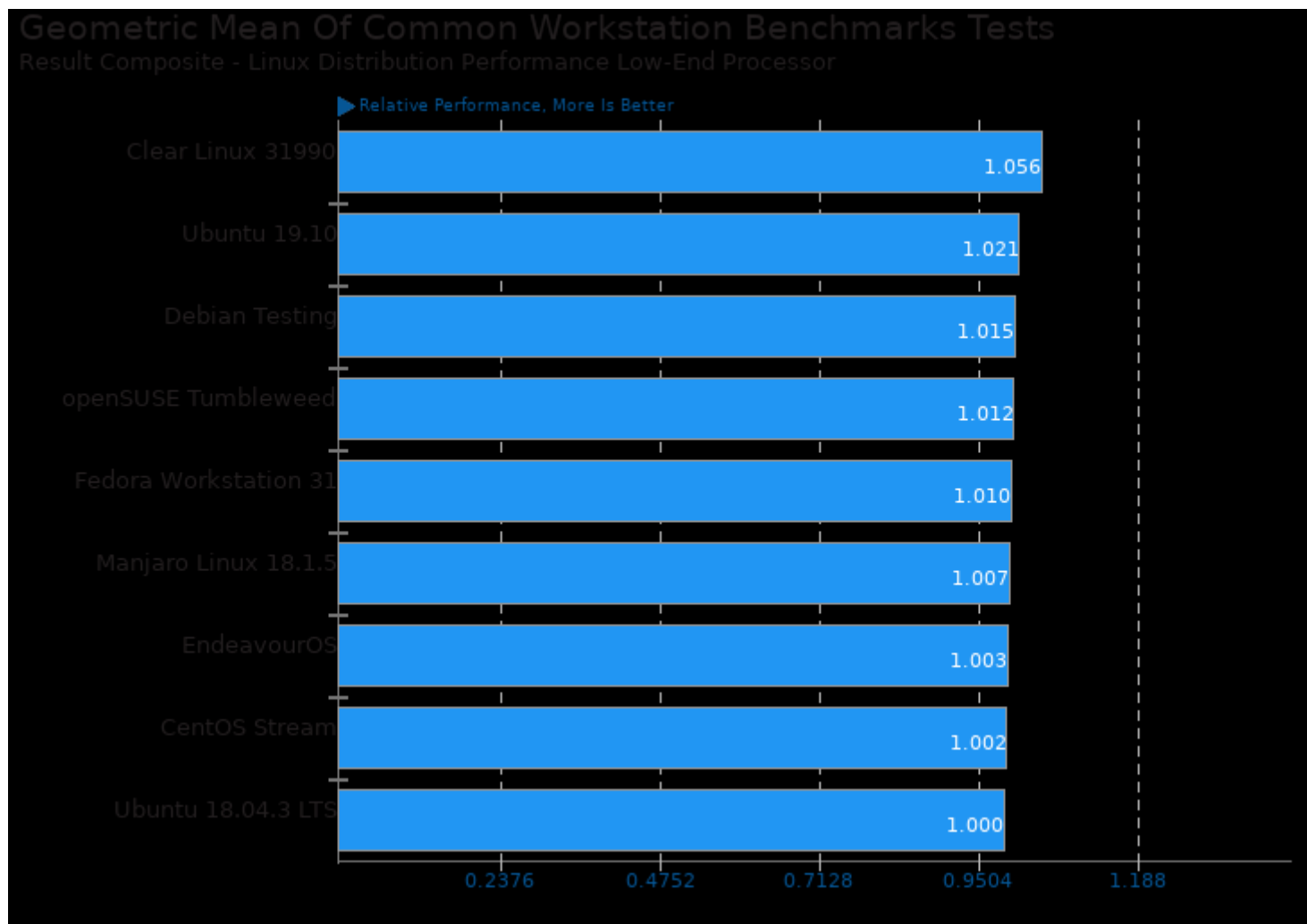


Geometric mean based upon tests: pts/java-scimark2, pts/deepspeech, pts/encode-flac, pts/perl-benchmark, pts/pybench and pts/git



Geometric mean based upon tests: pts/x265, pts/dav1d and pts/svt-av1





Geometric mean based upon tests: pts/himeno, pts/x265, pts/paraview and pts/git

*This file was automatically generated via the Phoronix Test Suite benchmarking software on Sunday, 15 December 2024 10:43.*